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BIOLOGIA
CENTRALI-AMERICANA.

INSECTA.

LEPIDOPTERA-RHOPALOCERA.

Vol. III.

(*PLATES.*)

BY

FREDERICK DUCANE GODMAN, D.C.L., F.R.S., &c.,

AND

OSBERT SALVIN, M.A., F.R.S., &c.

1879–1901.

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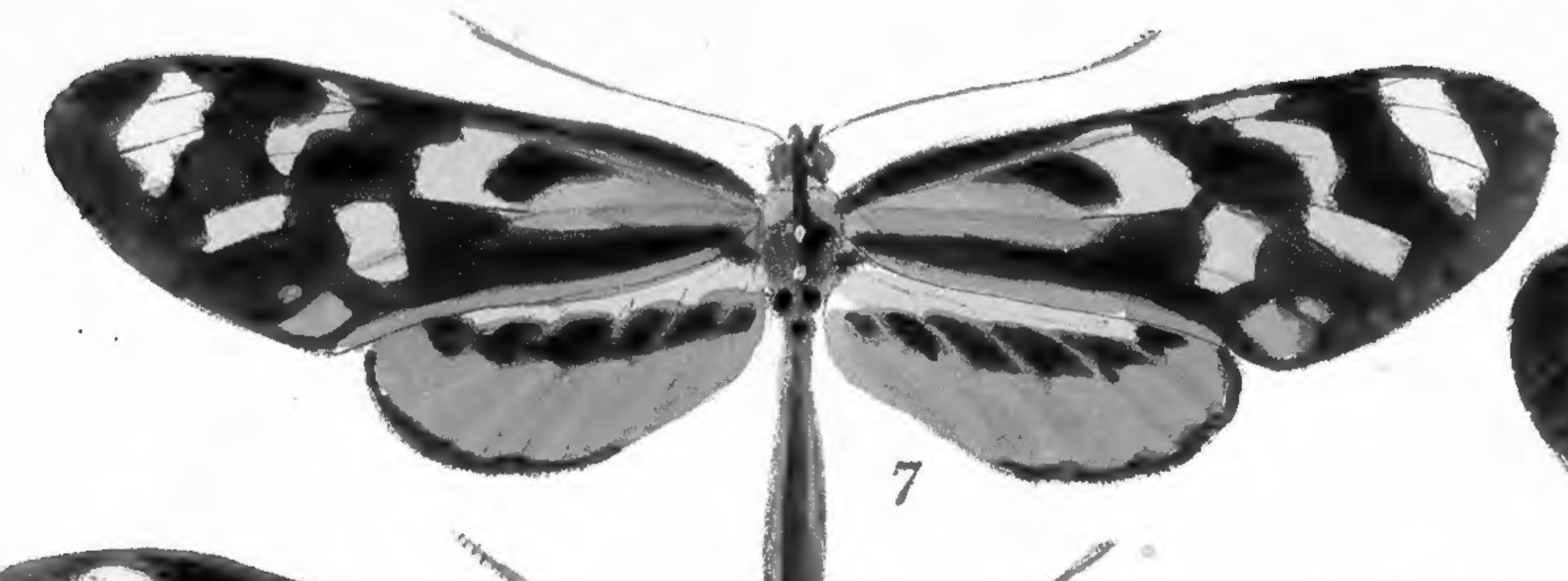
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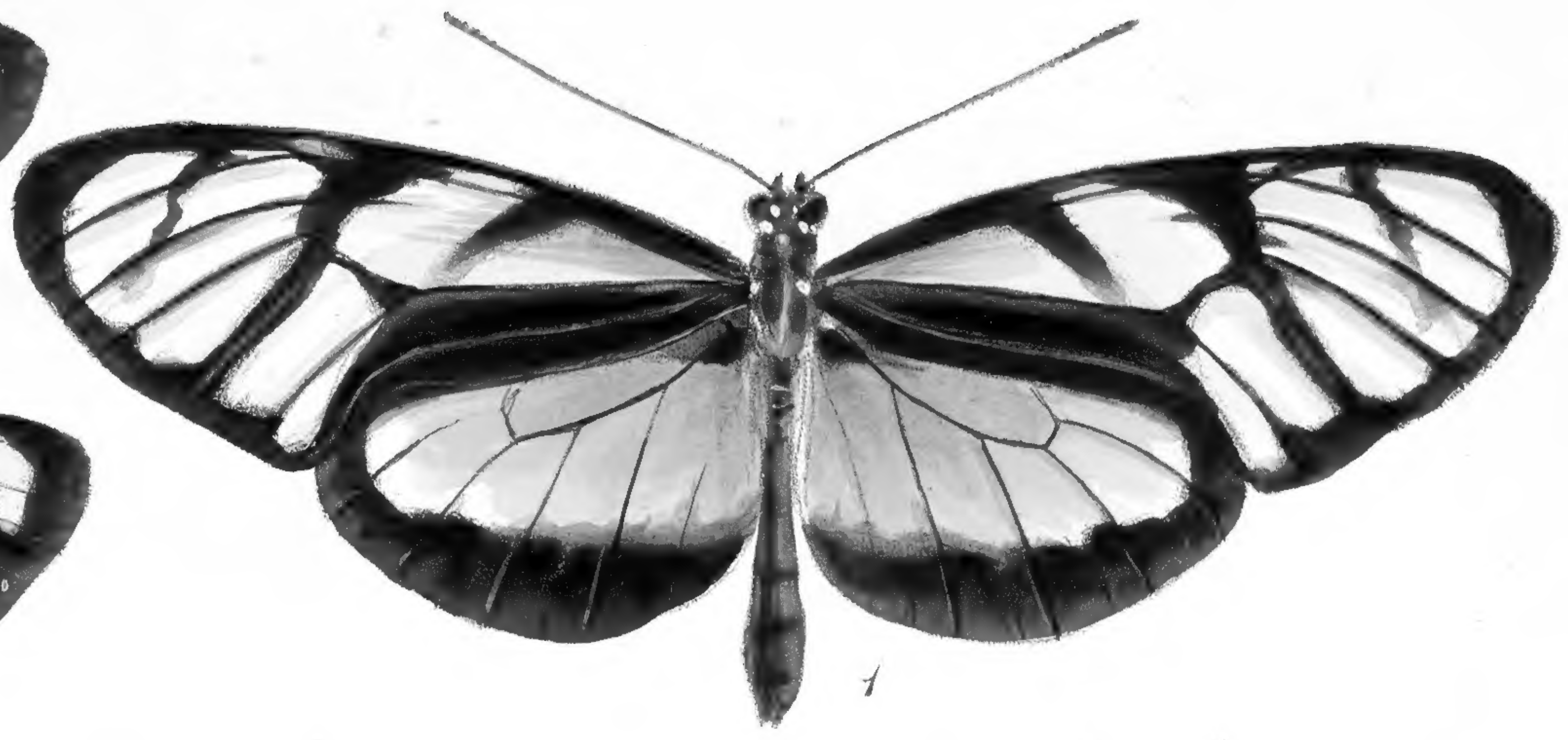
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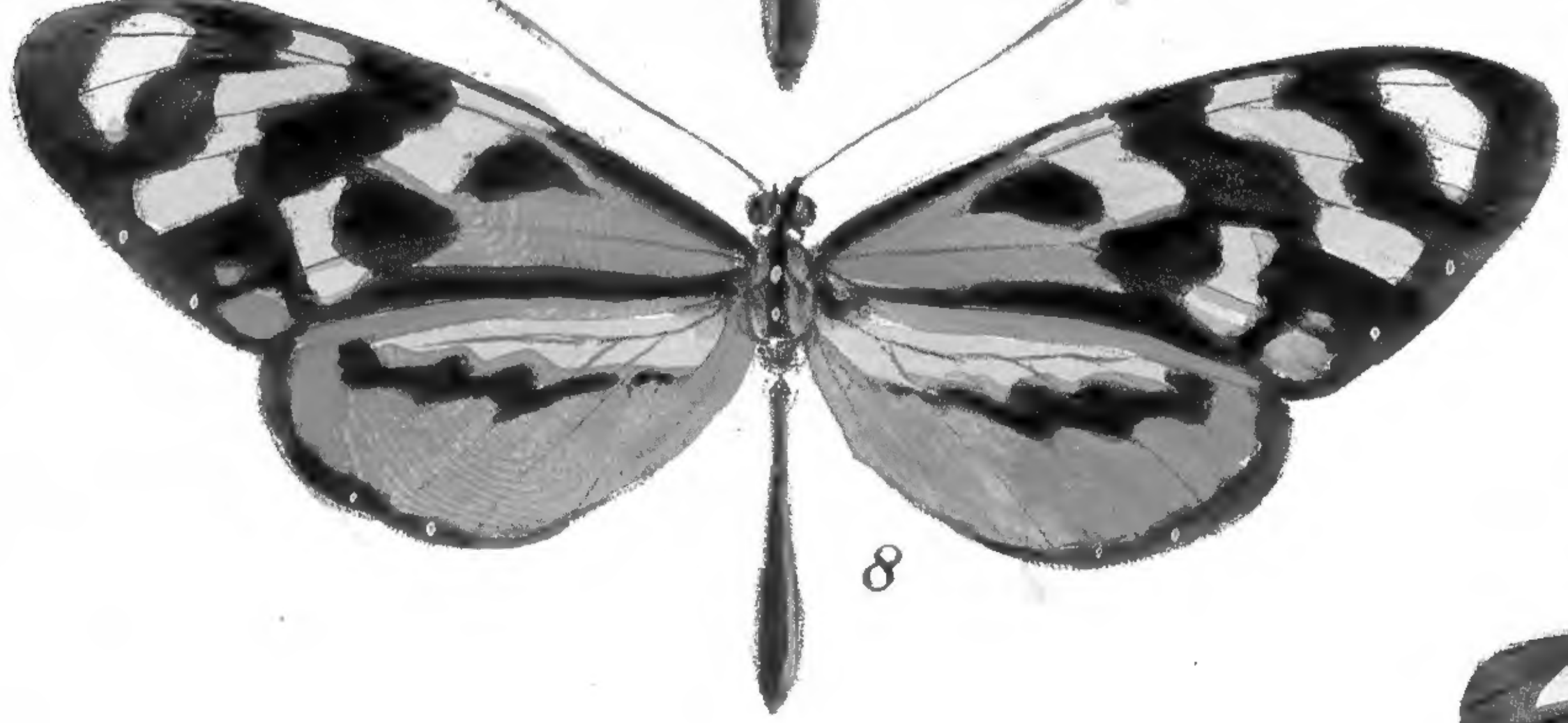
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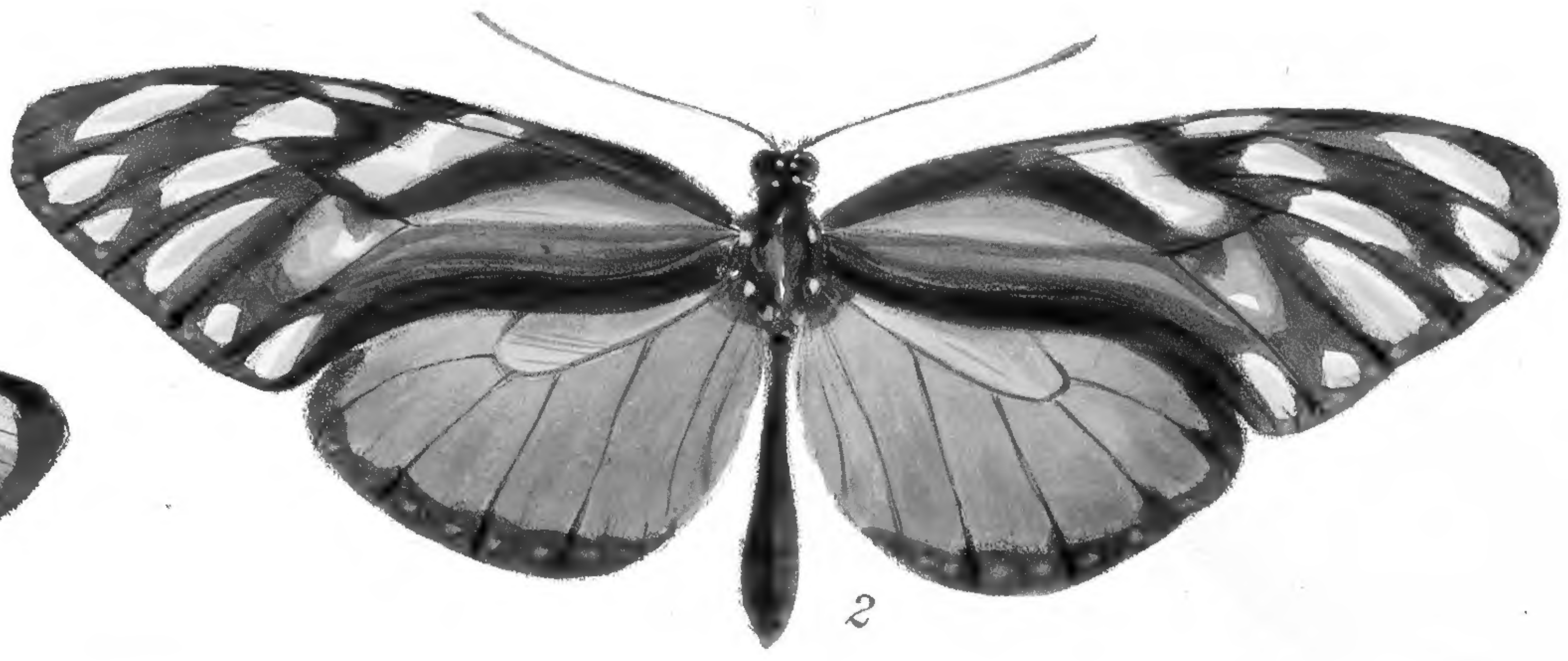
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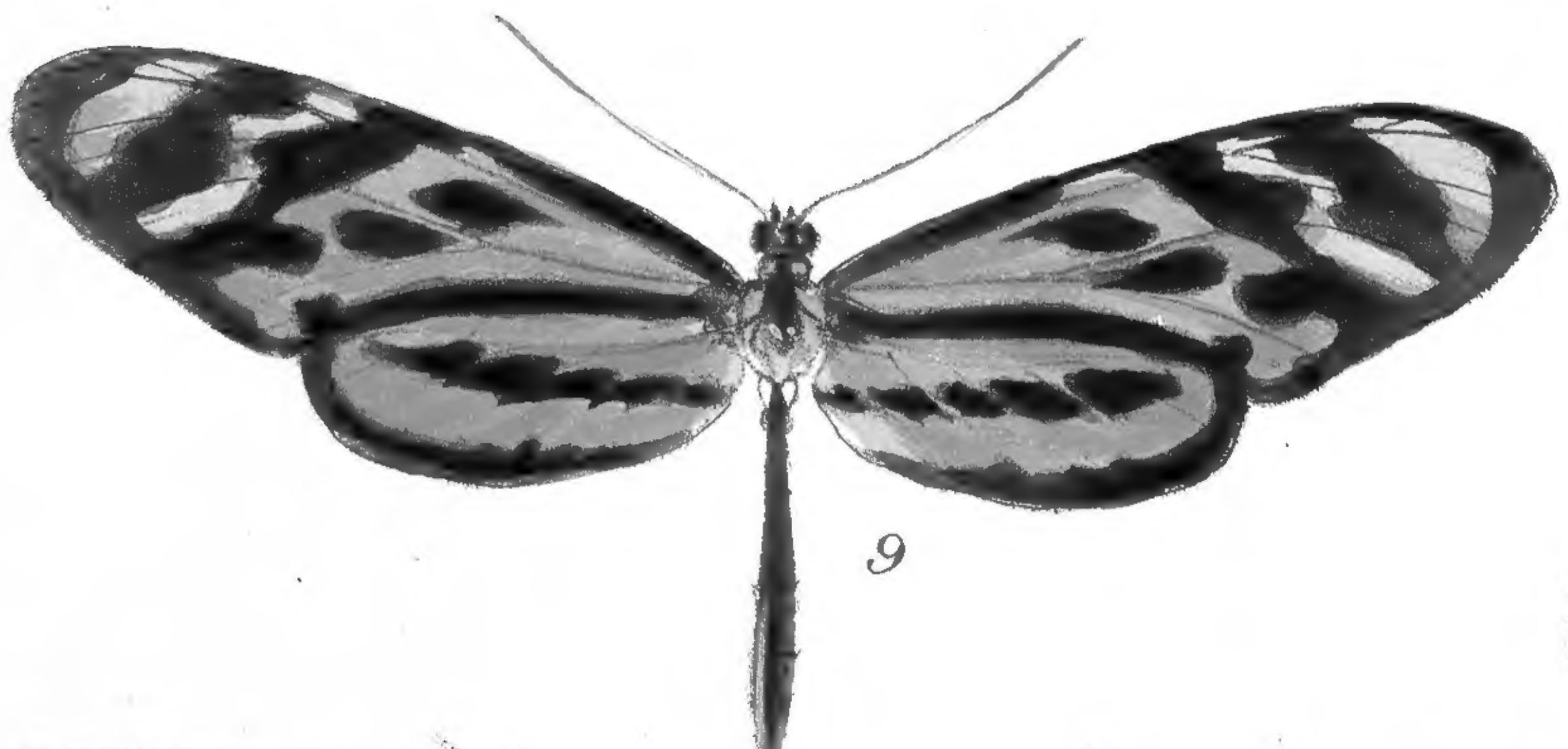
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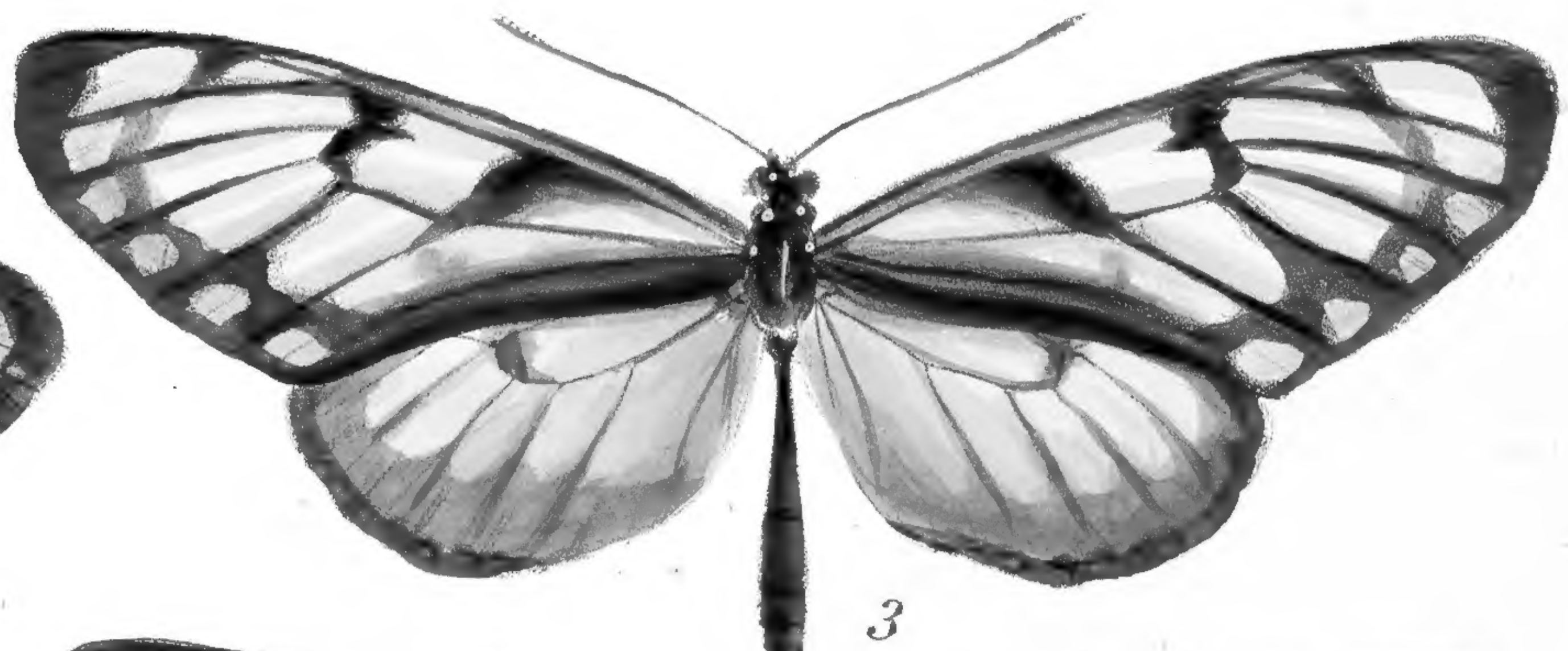
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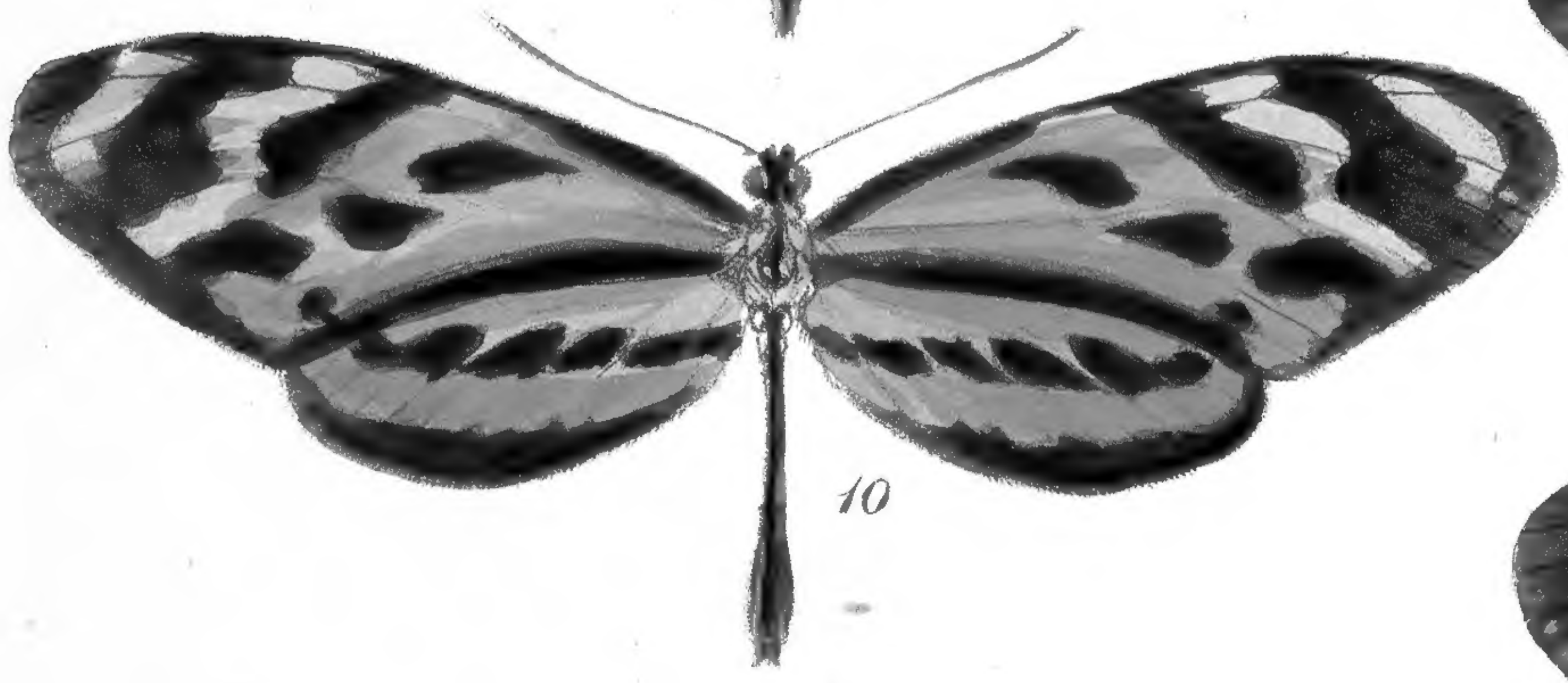
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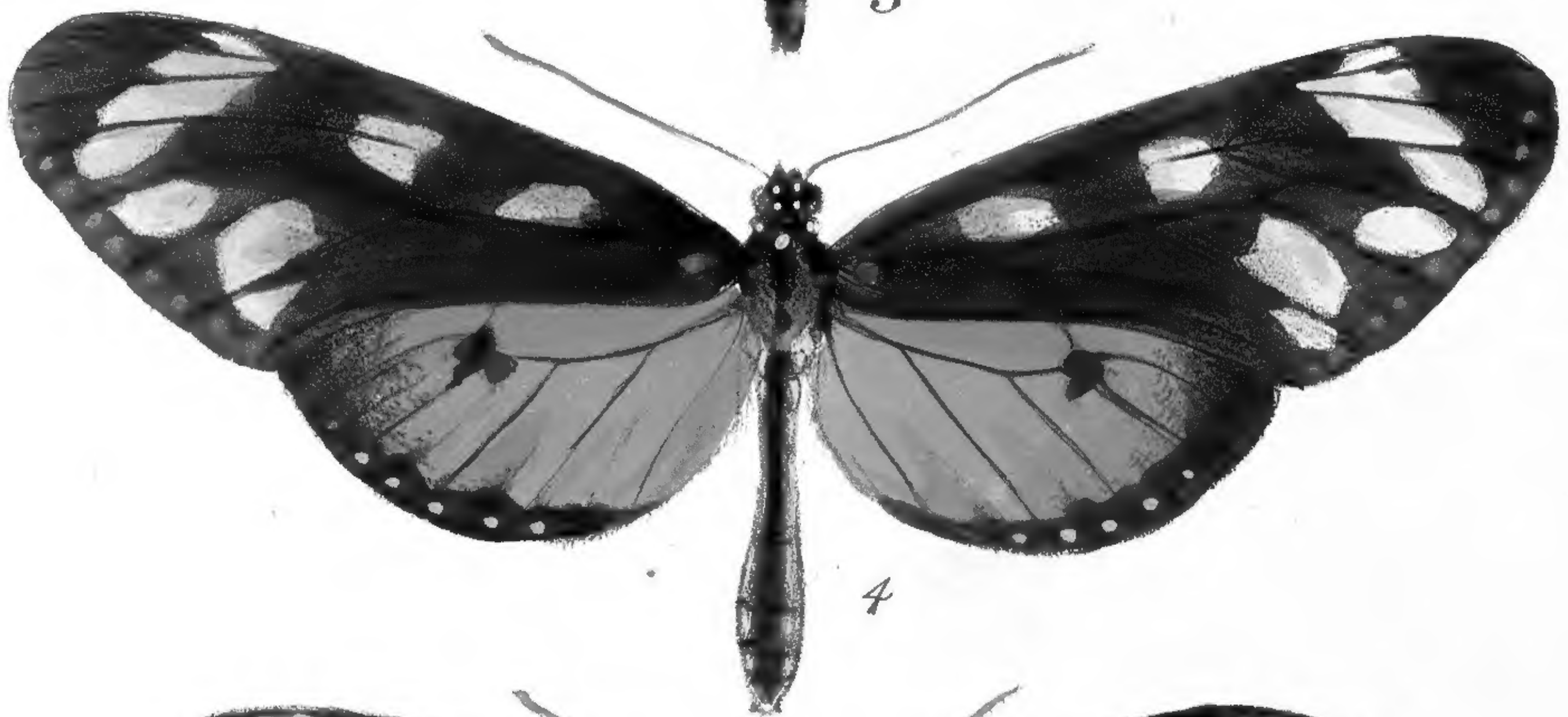
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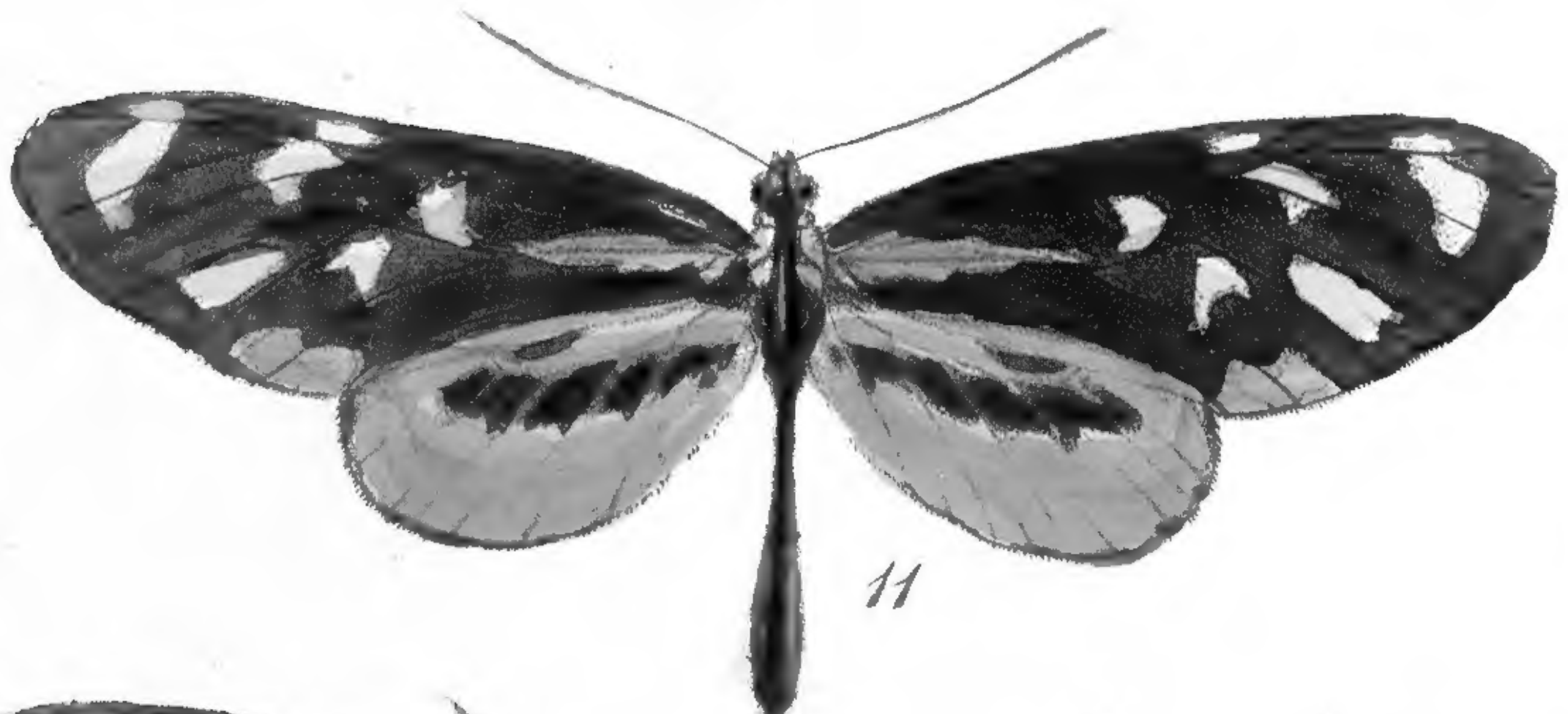
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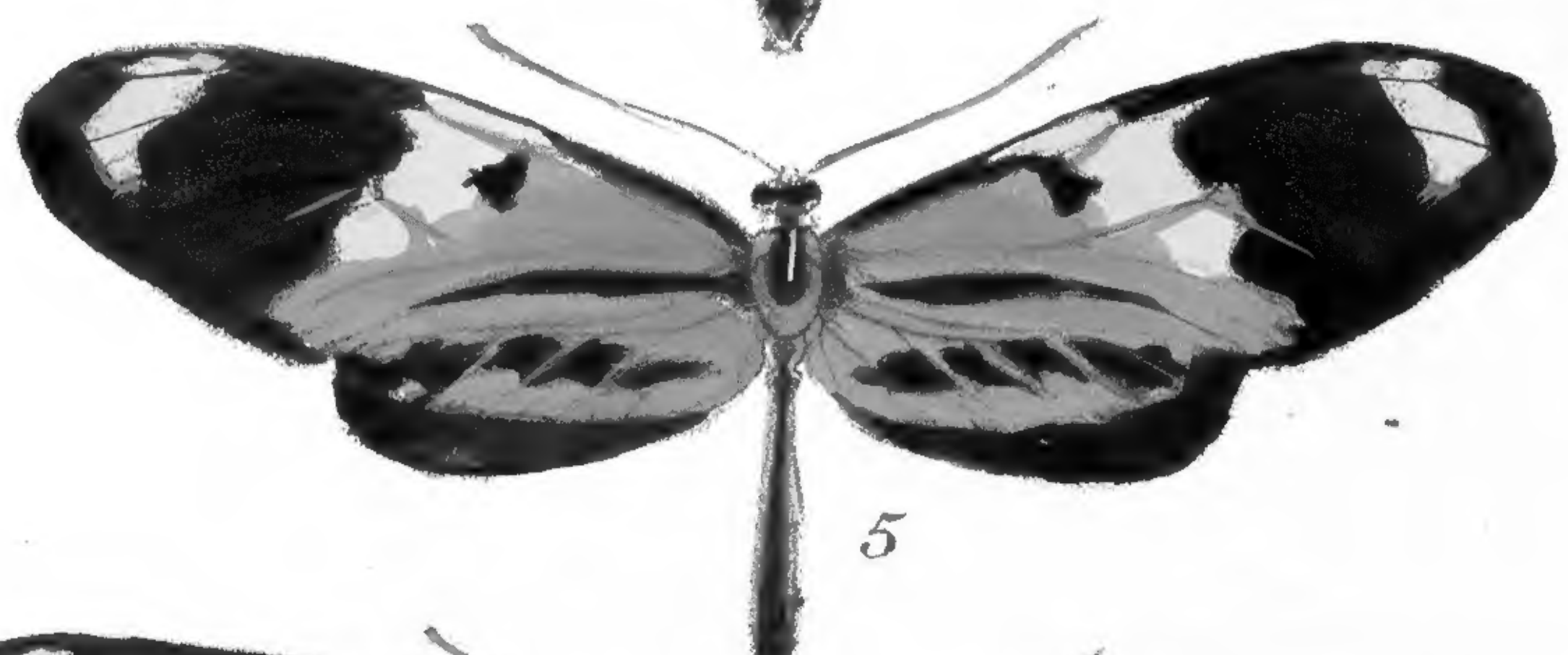
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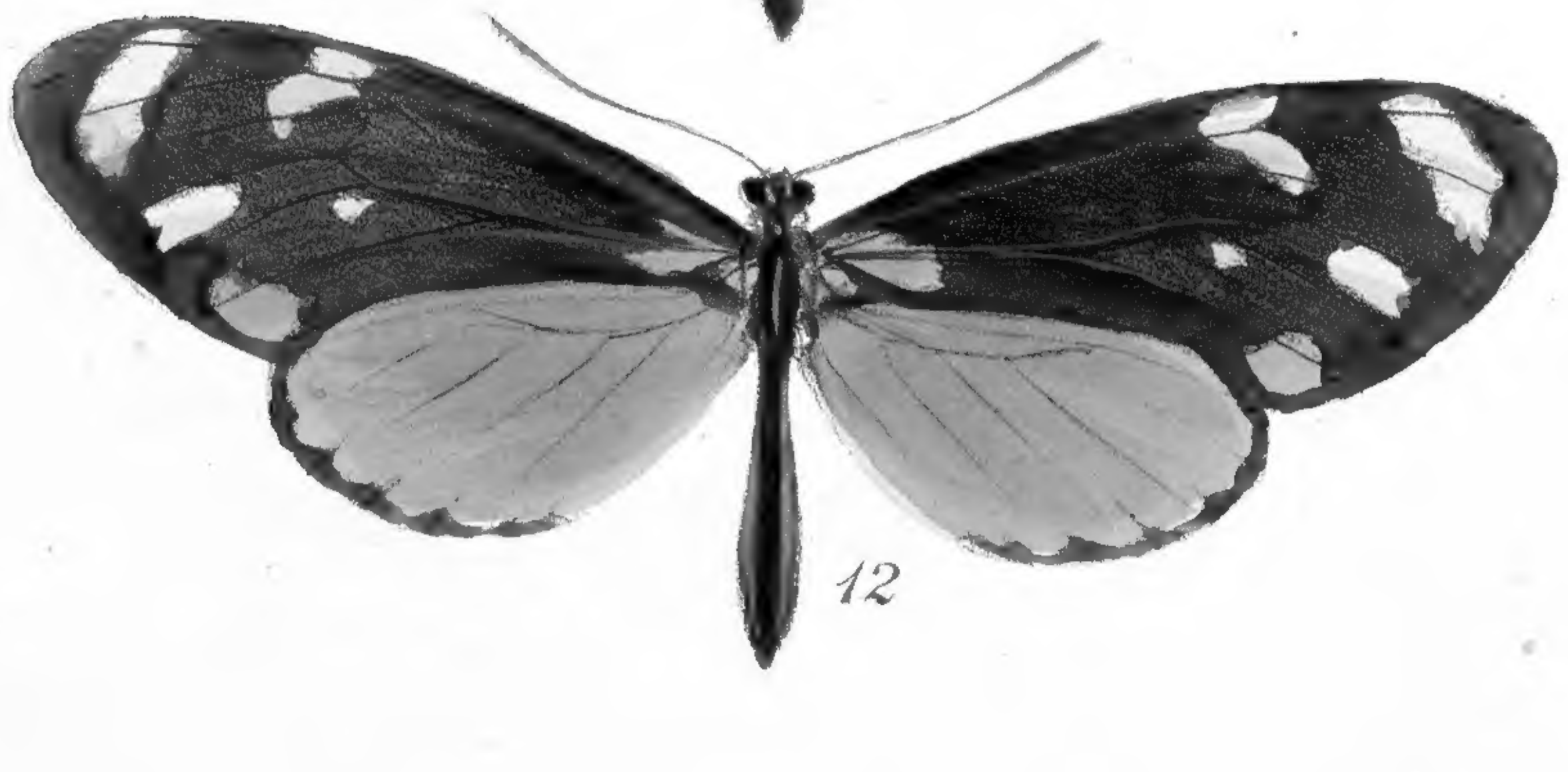
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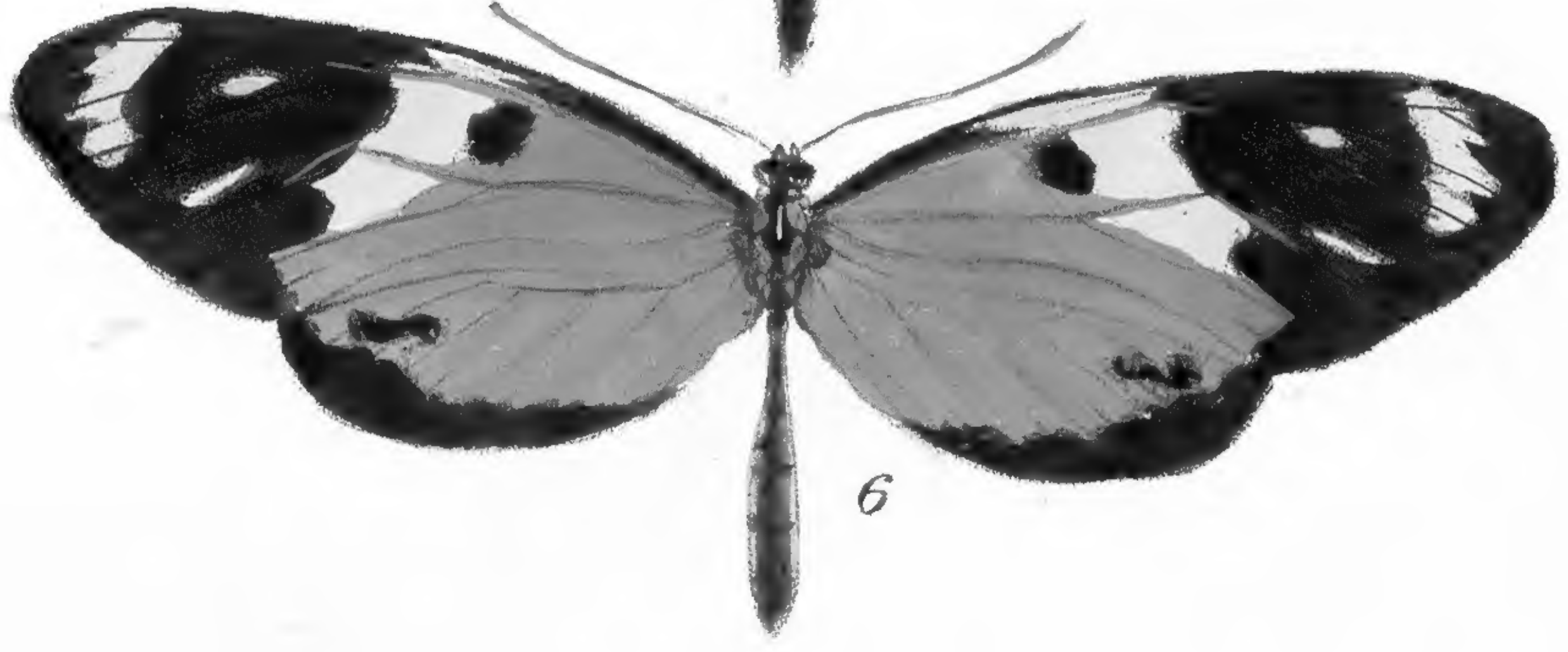
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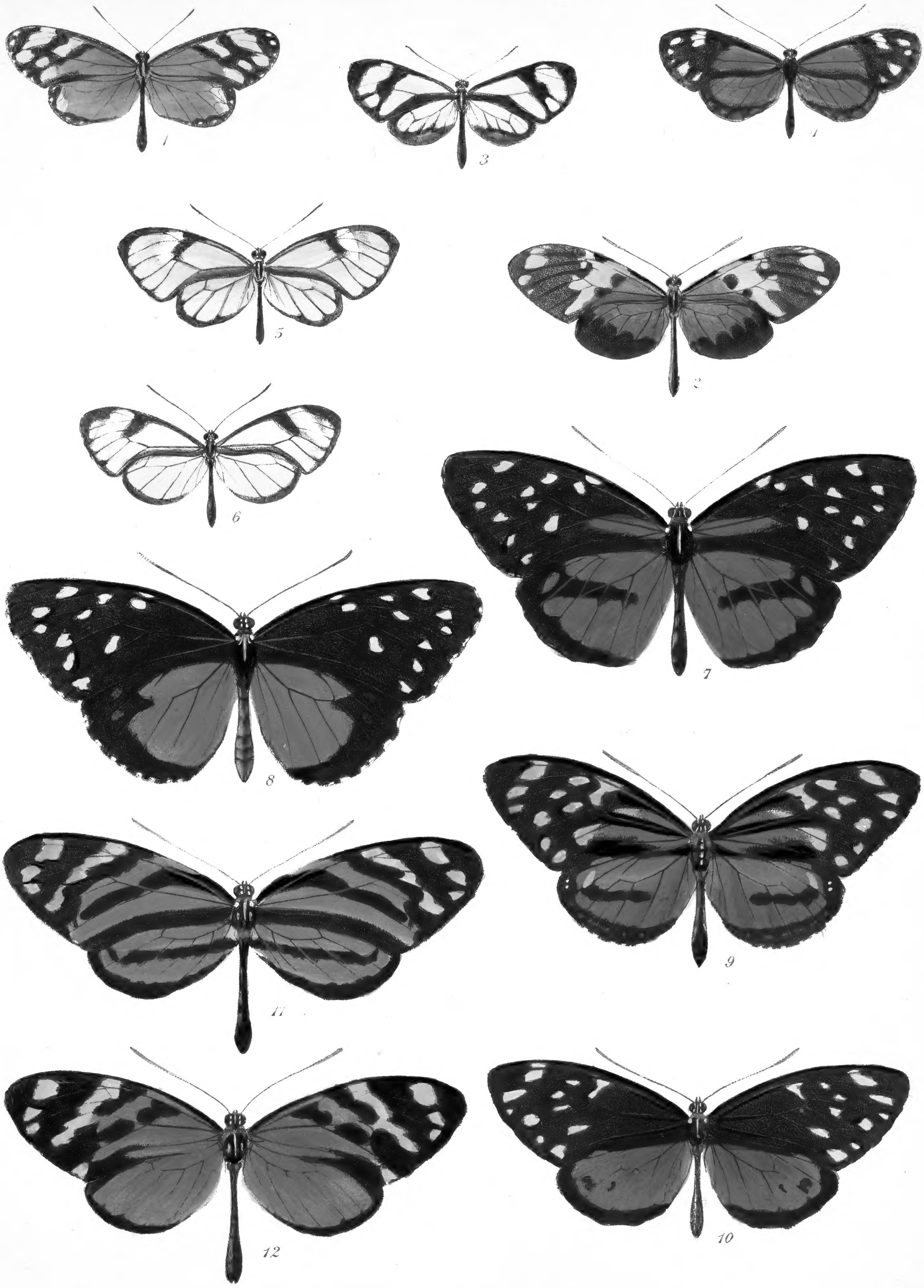
1. OLYRAS INSIGNIS.
2. „ THEON.
3. EUTRESIS THEOPE.
4. THYRIDIA MELANTHO.

5, ♂. 6, ♀. MECHANITIS MACRINUS.
7, ♂. 8, ♀. „ LYCIDICE.
9, ♂. 10, ♀. „ DORYSSUS.
11, ♂. 12, ♀. „ ISTHMICUS.

R.H.F. Rippon del. et lith.

M&N. Hanhart imp.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres Inches

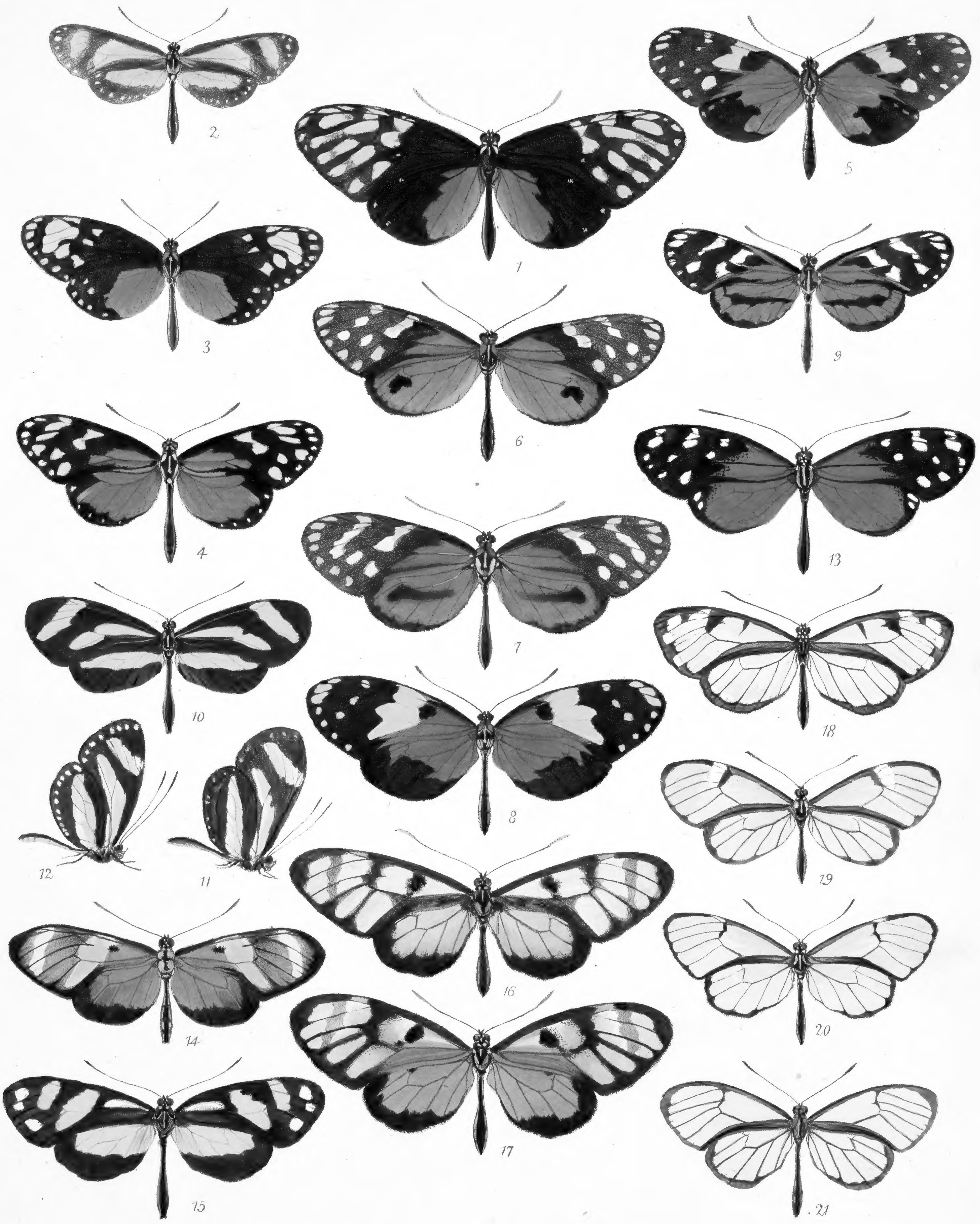


1 ♂ NAPEOGENES TOLOSA.   2 CALLITHOMIA PANAMENSIS.
3 ITHOMIA JUCUNDA.   6 ITHOMIA RHENE.   ~~9~~ 10 TITHOREA IRENE.
4 " ÆSION.   7 TITHOREA DUENNA.   11 MELINÆA IMITATA.
5 " CADRA.   8 " PINTHIAS.   12 " SCYLAX.

9 T. hippothous

R.H.F. Rippon lith.   Hanhart imp
75

KODAK Color Control Patches © The Tiffen Company, 2000
Blue Cyan Green Yellow Red Magenta White 3/Color Black
Kodak LICENSED PRODUCT
Centimetres Inches



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I CALLITHOMIA HEZIA. 2 OLERIA XANTHINA. 3 NAPEOGENES HEMIMELÆNA. 4 N. TOLOSA.

Ceratinia 5 I~~THOMIA~~ CLEIS. ceratinia 6♂ 7♀ ~~I.~~ CALLISPILA. ceratinia 8 ~~I.~~ MEGALOPOLIS. ceratinia 9 ~~I.~~ LEUCANIA.

aeria 10, 11 I. ~~EURIMEDIA~~ pacifica, aeria 12 ~~I. EURIMEDIA~~ agna 13 I. ADELPHINA. Epithomia 14 I. CALLIPERO.

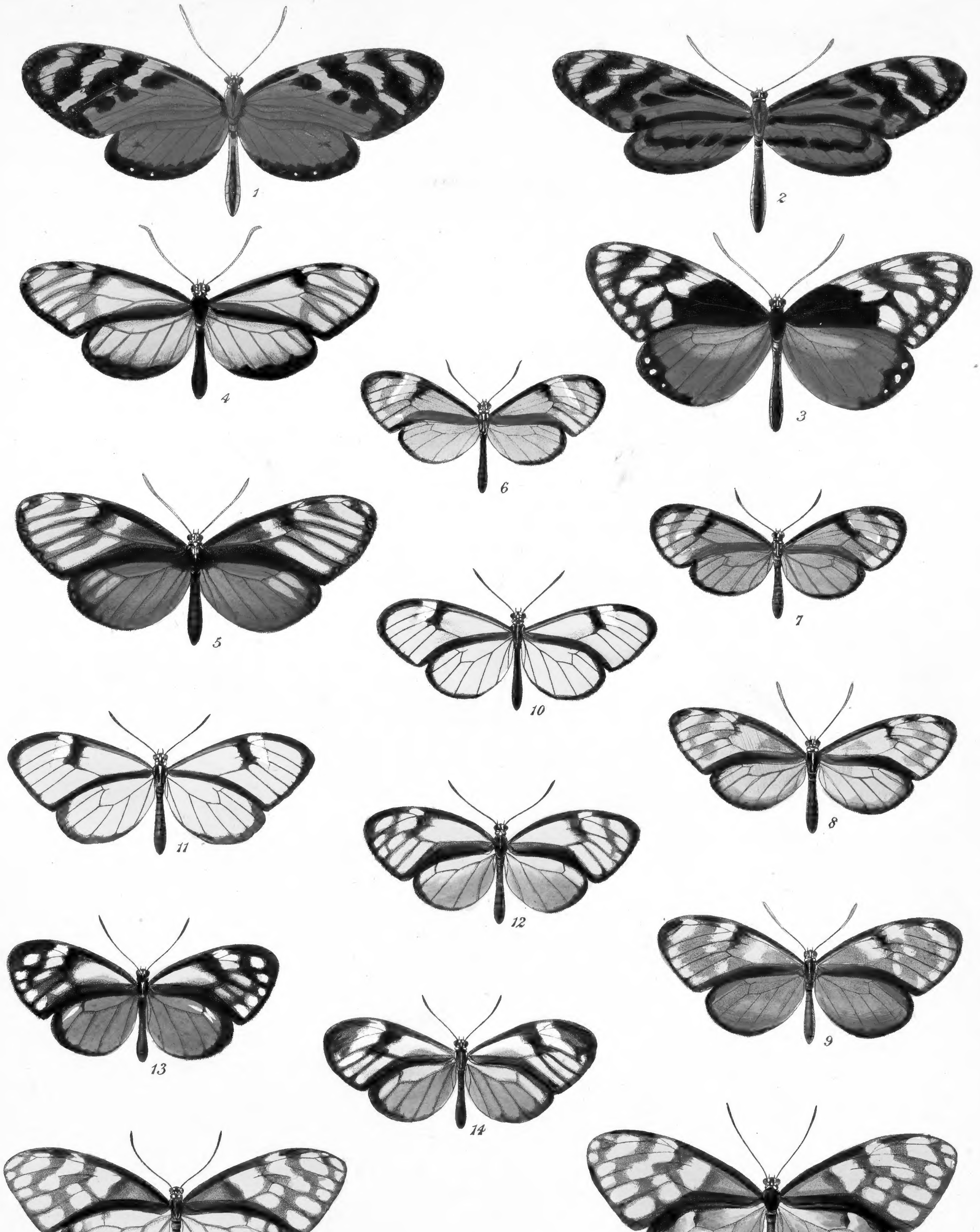
15 I. PAGASA. 16♂ 17♀ I. EUCHYTMA. 18 I. VICINA. 19 I. SALVINIA.

20 I. SIMPLEX. 21 I. RUFOCINCTA.

R.H.F. Rippon. del. et lith.

M & N. Hanhart imp.

19



1 MECHANITIS LABOTAS.
2 " DORYSSUS, *var.*
3 CERATINIA DECUMANA.
4♂, 5♀ NAPEOGENES PÆDARETUS.
6♂, 7♀ PTERONYMIA AGALLA.
8♂, 9♀ PTERONYMIA FULVESCENS.
10♂, 11♀ " TIGRANES.
12♂, 13♀ HYPOLERIA LIBERA.
14 " FUMOSA.
15♂, 16♀ HYMENITIS FURINA.

W. Purkiss lith.
Hanhart imp.
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Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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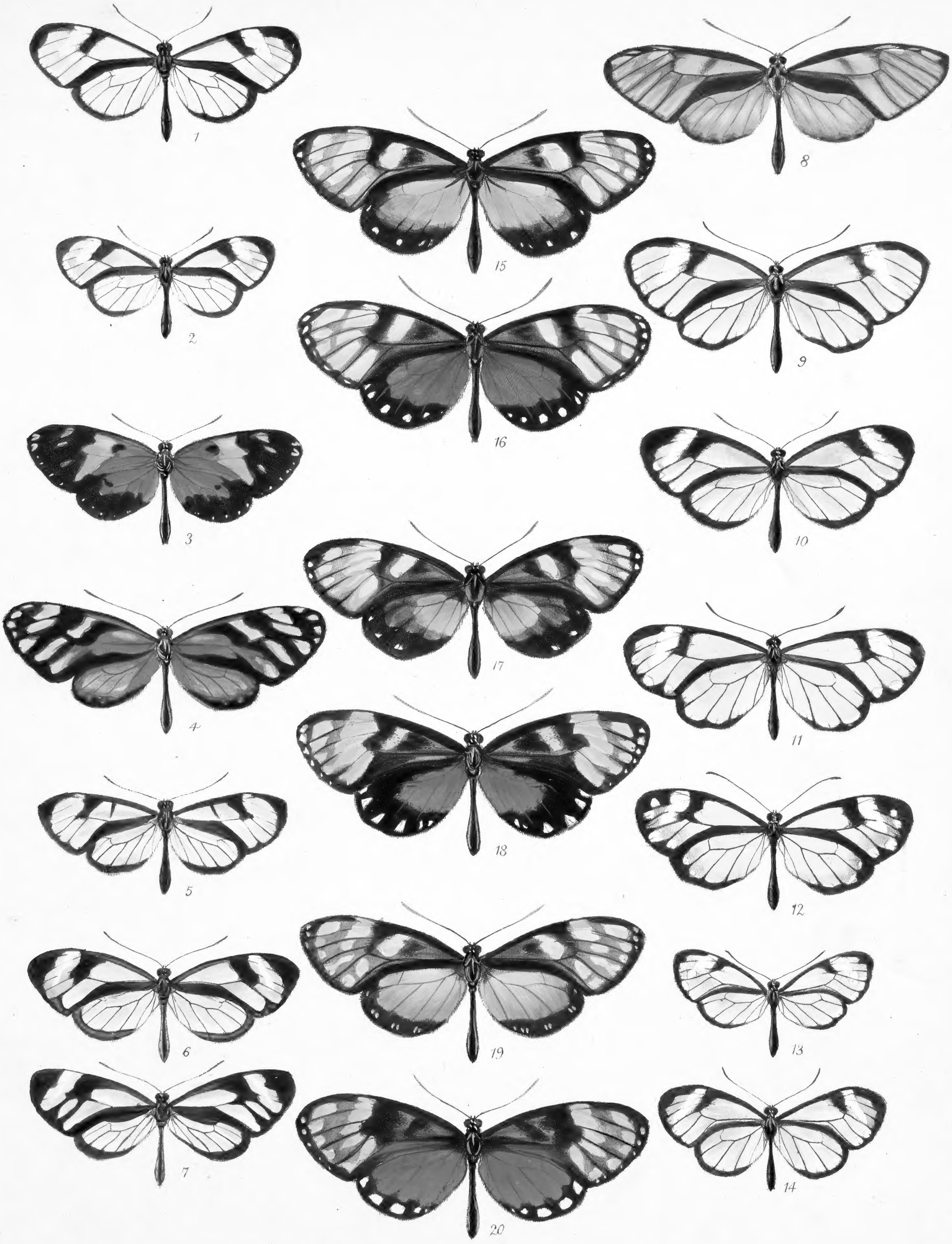
Inches 1 2 3 4 5 6 7 8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I ITHOMIA ALCMENA. 2 I. PARVA. 3 I. LYCASTE. 4 I. HERADICA.
5 I. HIPPOCRENIS. 6 I. ~~COTYTTO~~ patilla. 7 I. LEILA. 8 I. XENOS.
9 I. NERO. 10 I. CASSOTIS. 11♂ 12♀ I. LYRA. 13♂ 14♀ I. PUSIO.
15♂ 16♀ I. SOSUNGA. 17♂ 18♀ I. SOSUNGA. 19♂ 20♀ I. ZYGIA.

R.H.F. Rippon del et lith.

M & N Hanhart imp.
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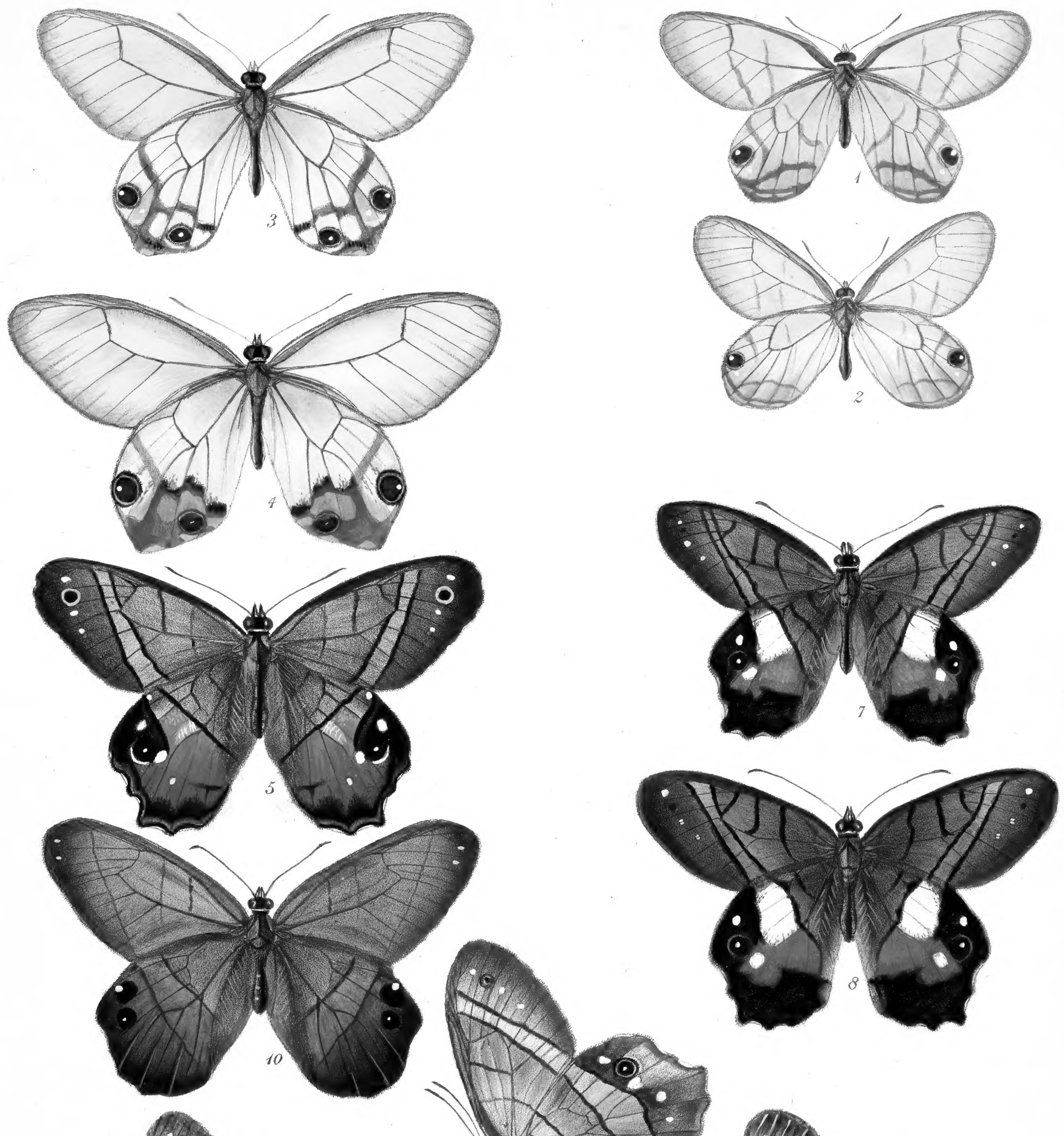
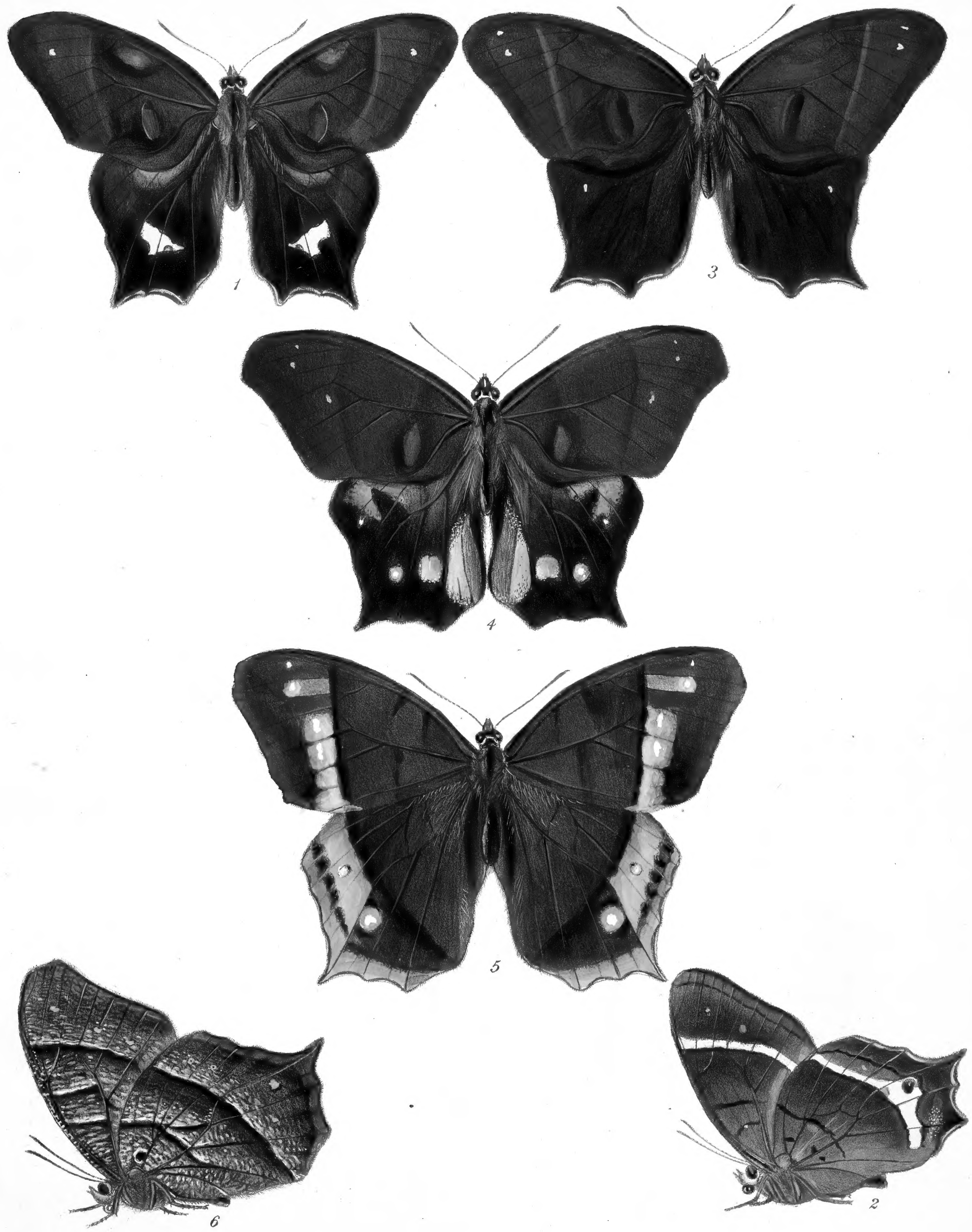


1♀. 2♂. CALLITÆRA MENANDER. 3♂. 4♀. HETÆRA M'LEANNANIA.
5, 6♀. PIERELLA INCANESCENS. 7♂. 8, 9♀. P. OCREATA.
10, 11♀. P. RUBECULA.

R.H.F. Rippon del. et lith.   M. & N. Hanhart imp.

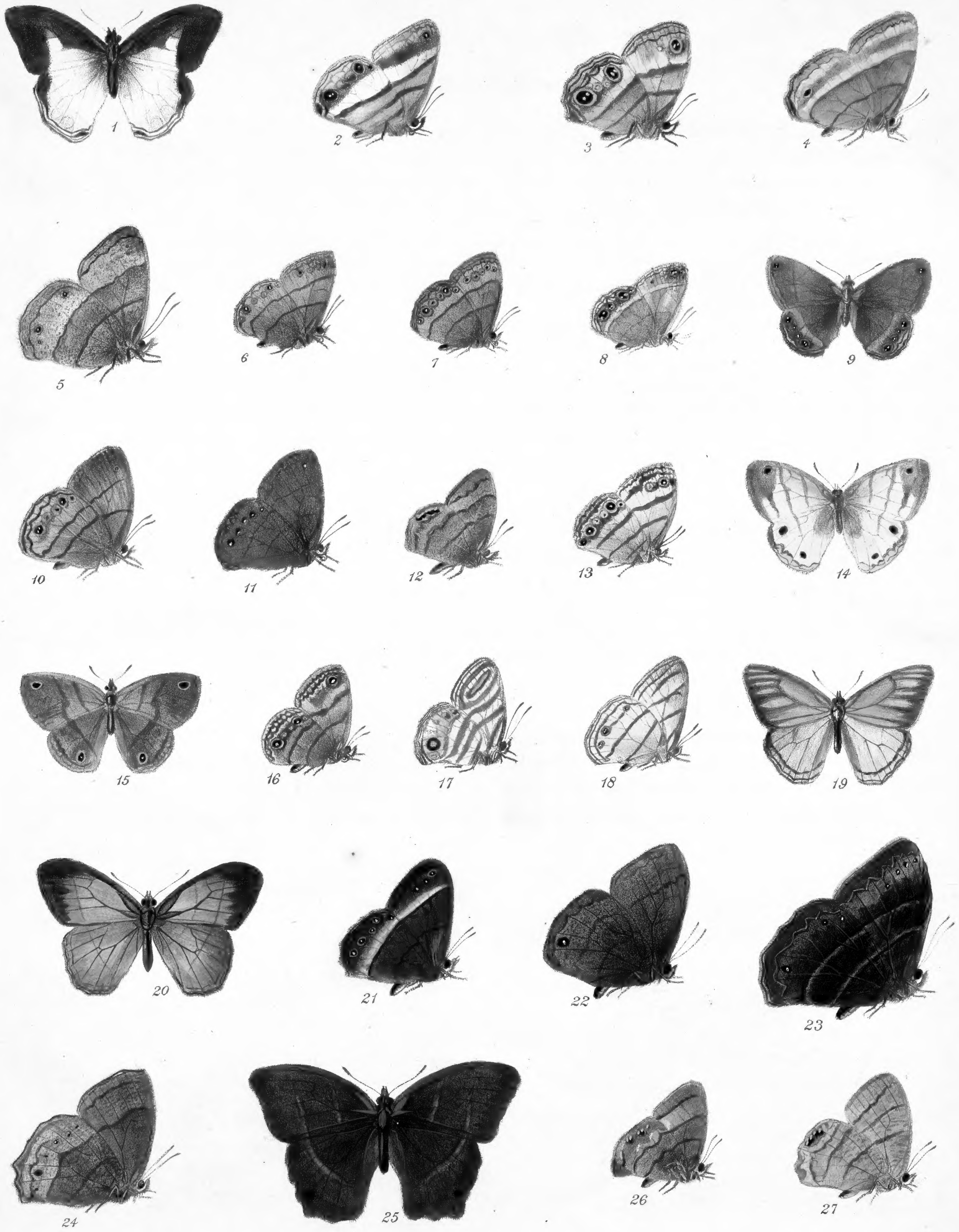
KODAK Color Control Patches © The Tiffen Company, 2000
Blue Cyan Green Yellow Red Magenta White 3/Color Black
Kodak LICENSED PRODUCT
Centimetres Inches



1, 2 ♂. ANTIRRHÆA MILTIADES.
3 ♂. A. TOMASIA.   4, 6 ♂. 5 ♀. A. PTEROCOPHA.

R.H.F. Rippon, del. et lith.   M & N. Hanhart imp.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres Inches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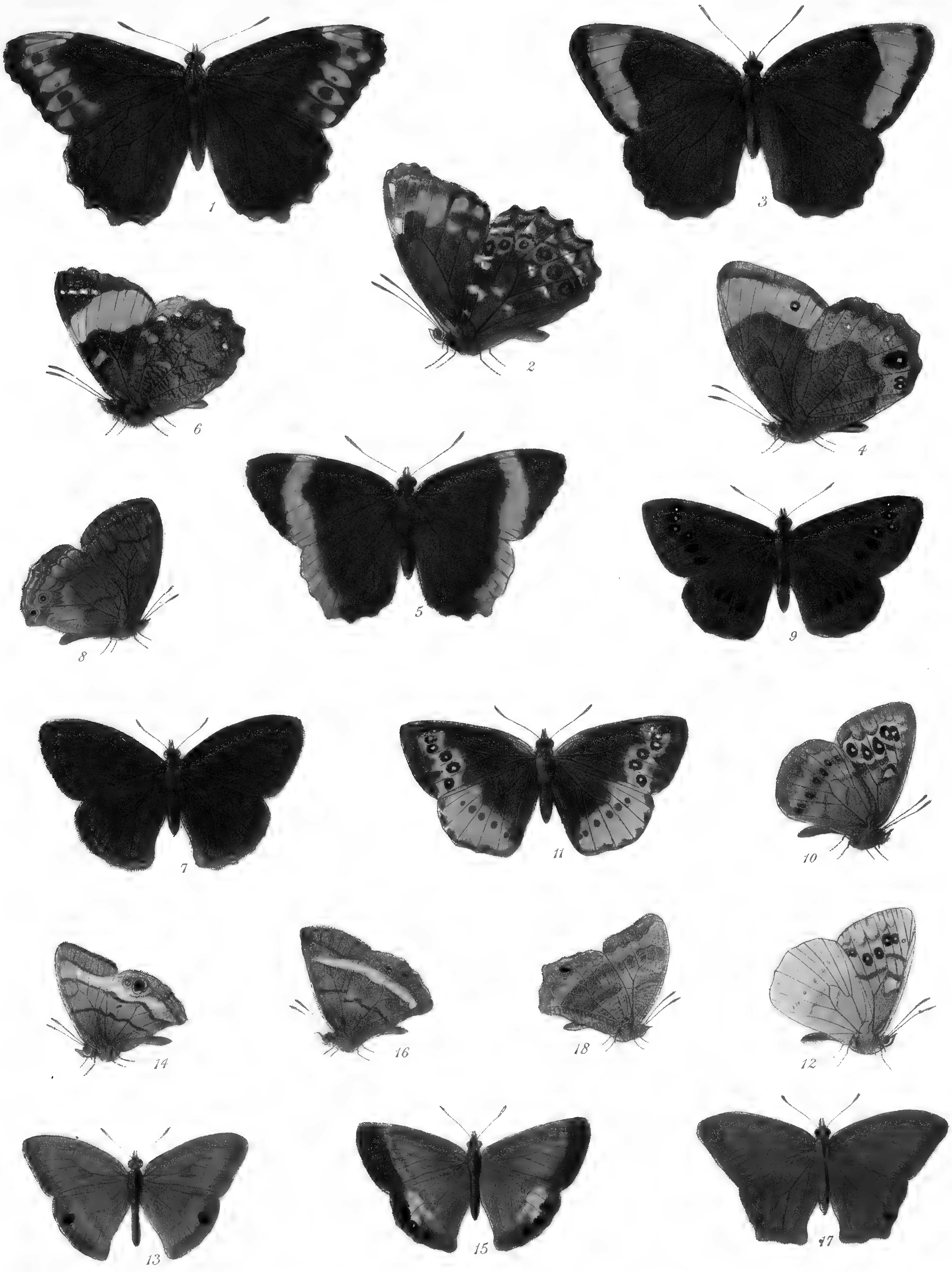
1, 2. EUPTYCHIA METALEUCA. 3. E. LABE. 4. E. SIMILIS. 5. E. RENATA. 6, 7. E. CAMERTA.
8, 9. E. PHARES. 10. E. NEBULOSA. 11. E. GULNARE. 12. E. GEMMA. 13, 14. E. WESTWOODI.
15, 16. E. FETNA. 17. E. SALVINI. 18, 19. E. GLAUCINA. 20, 21. E. SERICEELLA. 22. E. CYCLOPS.
23. E. SATYRINA. 24. E. ZABDI. 25. E. ITHAMNA. 26. E. ARGENTELLA. 27. E. PYRACMON.

R.H.F. Rippon del. et lith.
M. & N. Hanhart imp.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1,2 OXEOSCHISTUS ROGERSI.
3,4 PEDALIODES CREM~~ONA~~.era.
5,6 " TRIARIA.
7,8 " HULDA.

9,10 ♂, 11,12 ♀ LYMANOPODA EUOPIS.
13,14 EUPTYCHIA ROGERSI.
15,16 " PHILODICE.
17,18 " VETONES.

R.H.F. Rippon del. et lith.

Hanhart imp. 97

Blue
Cyan
Green
Yellow
Red
Magenta
White
3/Color
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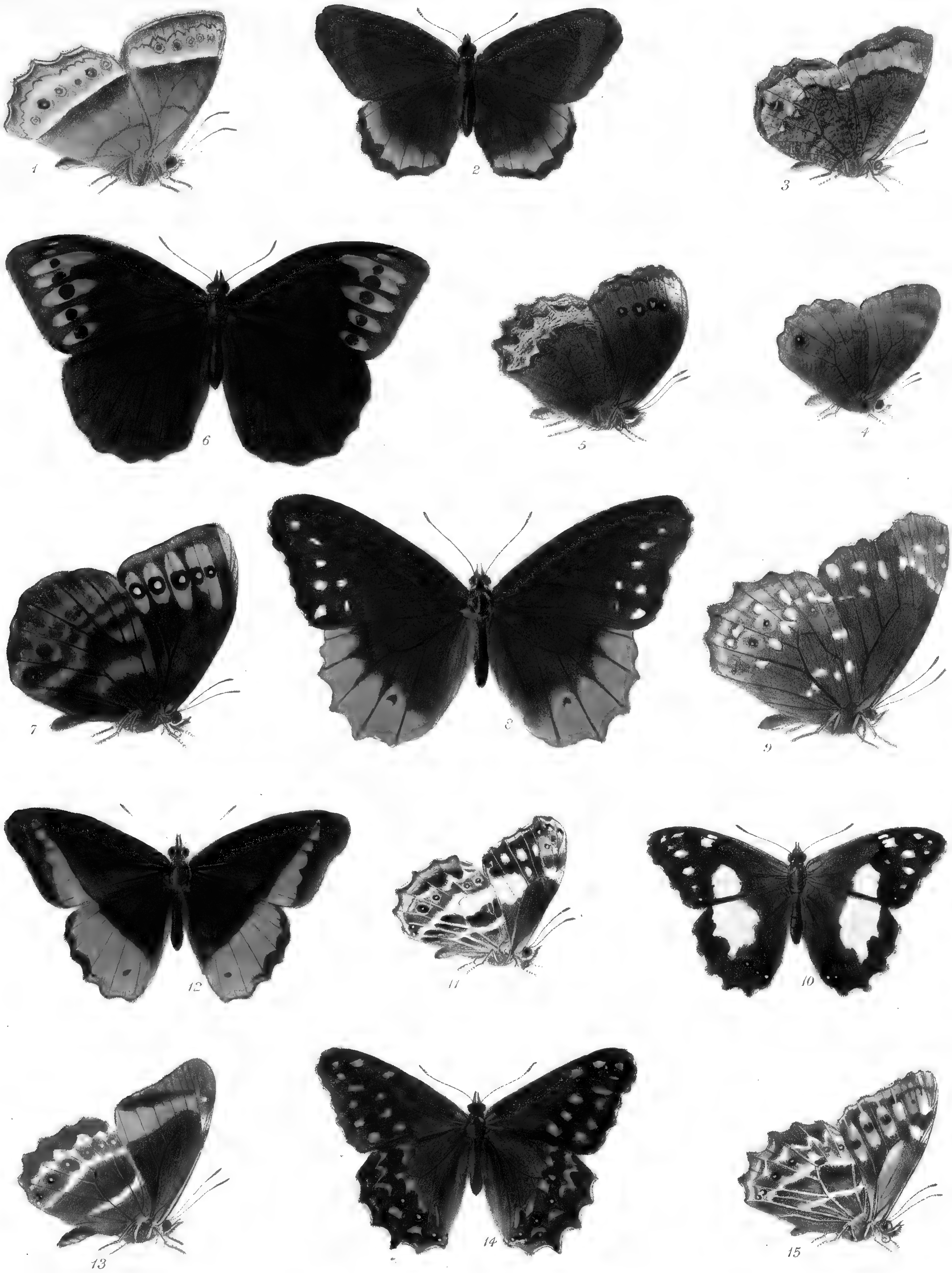
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
Inches



1. TAGETIS SYLVIA.

2, 3. PEDALIODES NAPÆA.
4. " DEJECTA.
5. GYROCHEILUS PATROBAS.
6, 7. PRONOPHILA TIMANTHES.
8, 9. OXEOSCHISTUS GIGAS.
10, 11. " COTHON.
12, 13. " SUBMACULATUS.
14, 15. " HILARA.

R.H.F. Rippon del. et lith.   M & N Hanhart imp.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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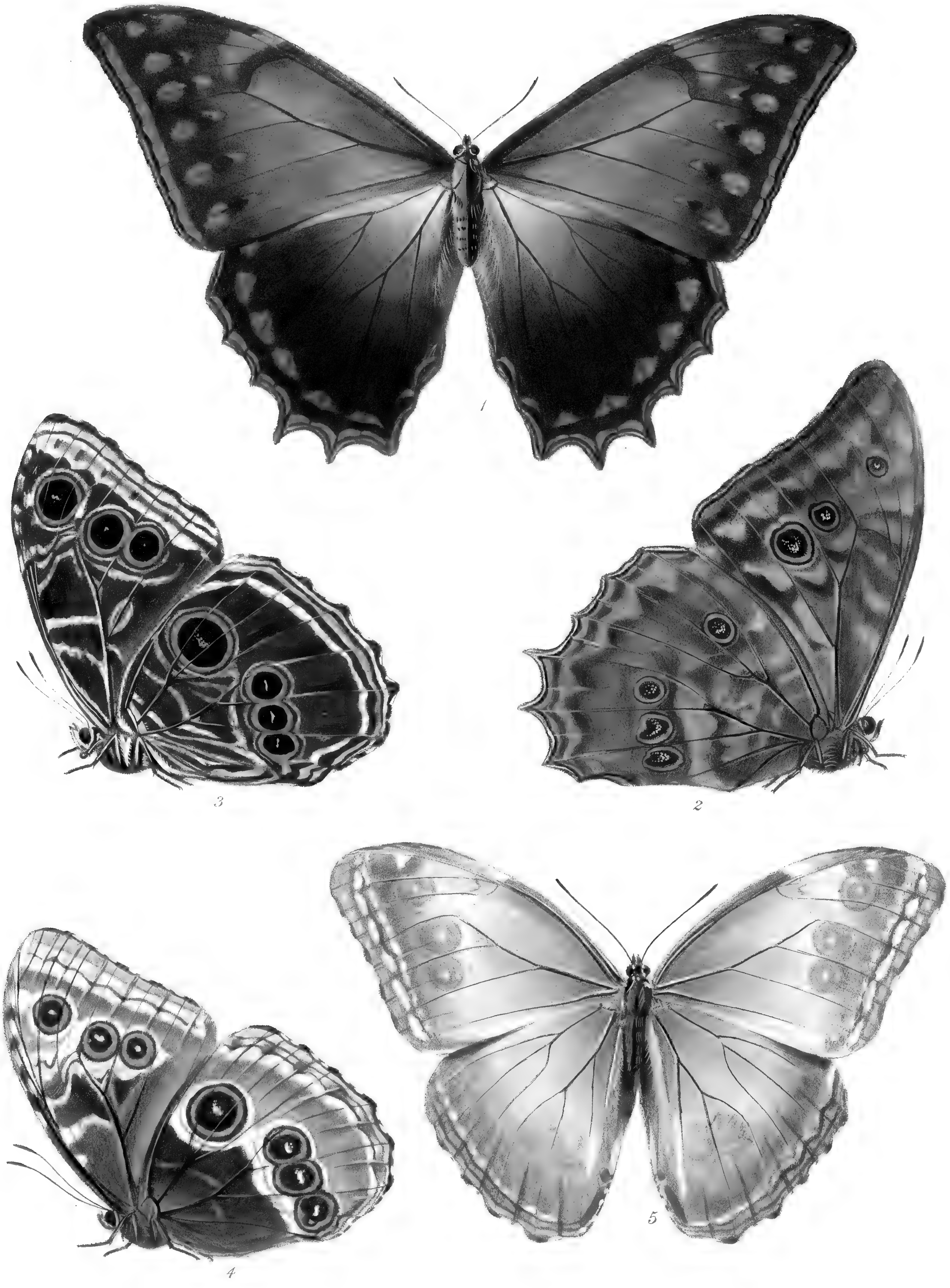
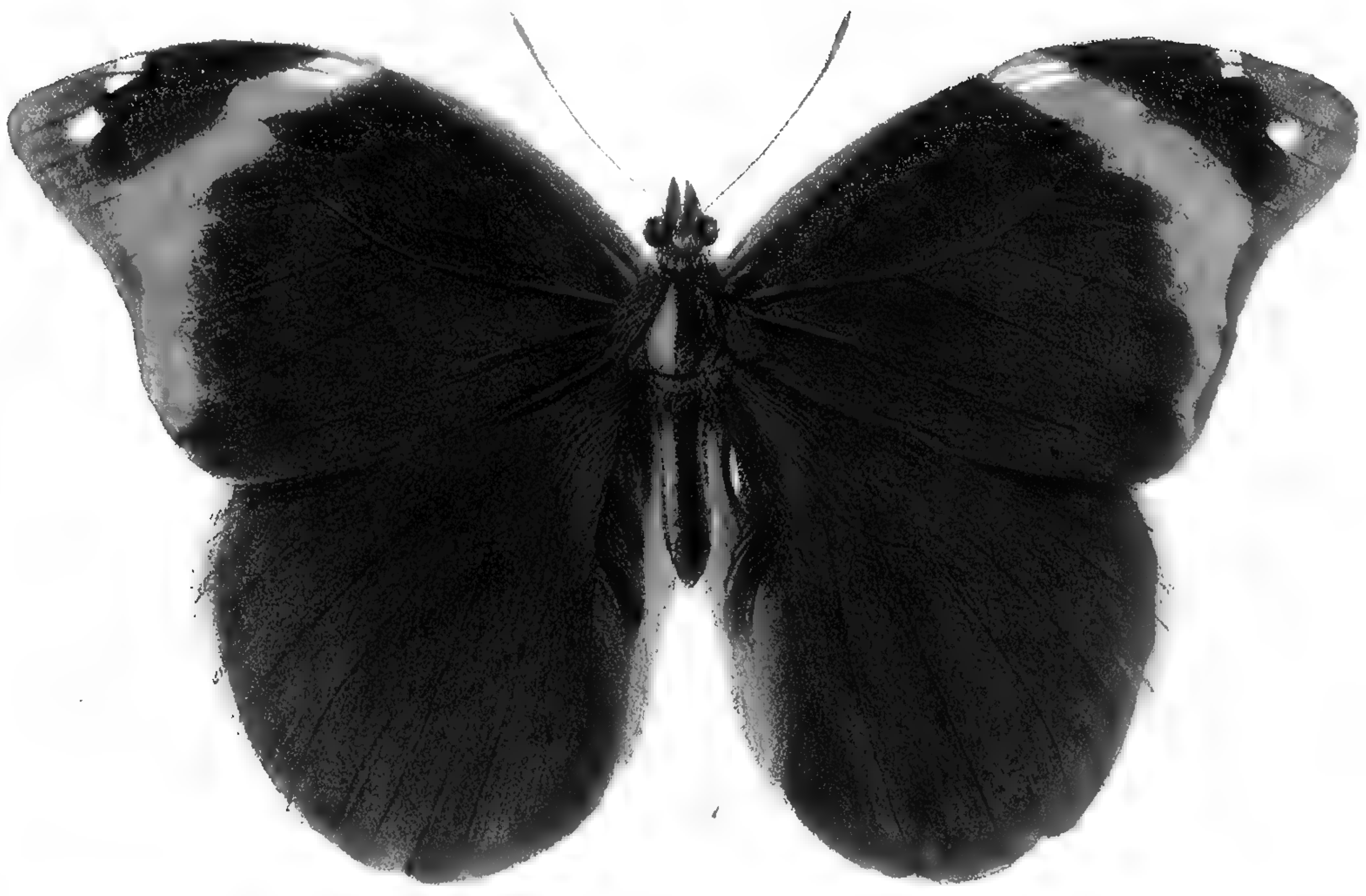


1.2. MORPHO JUSTITIÆ.   3. M. GRANADENSIS.
4.5. M. OCTAVIA.

R.H.F. Rippon del. et lith.   M&N Hanhart imp.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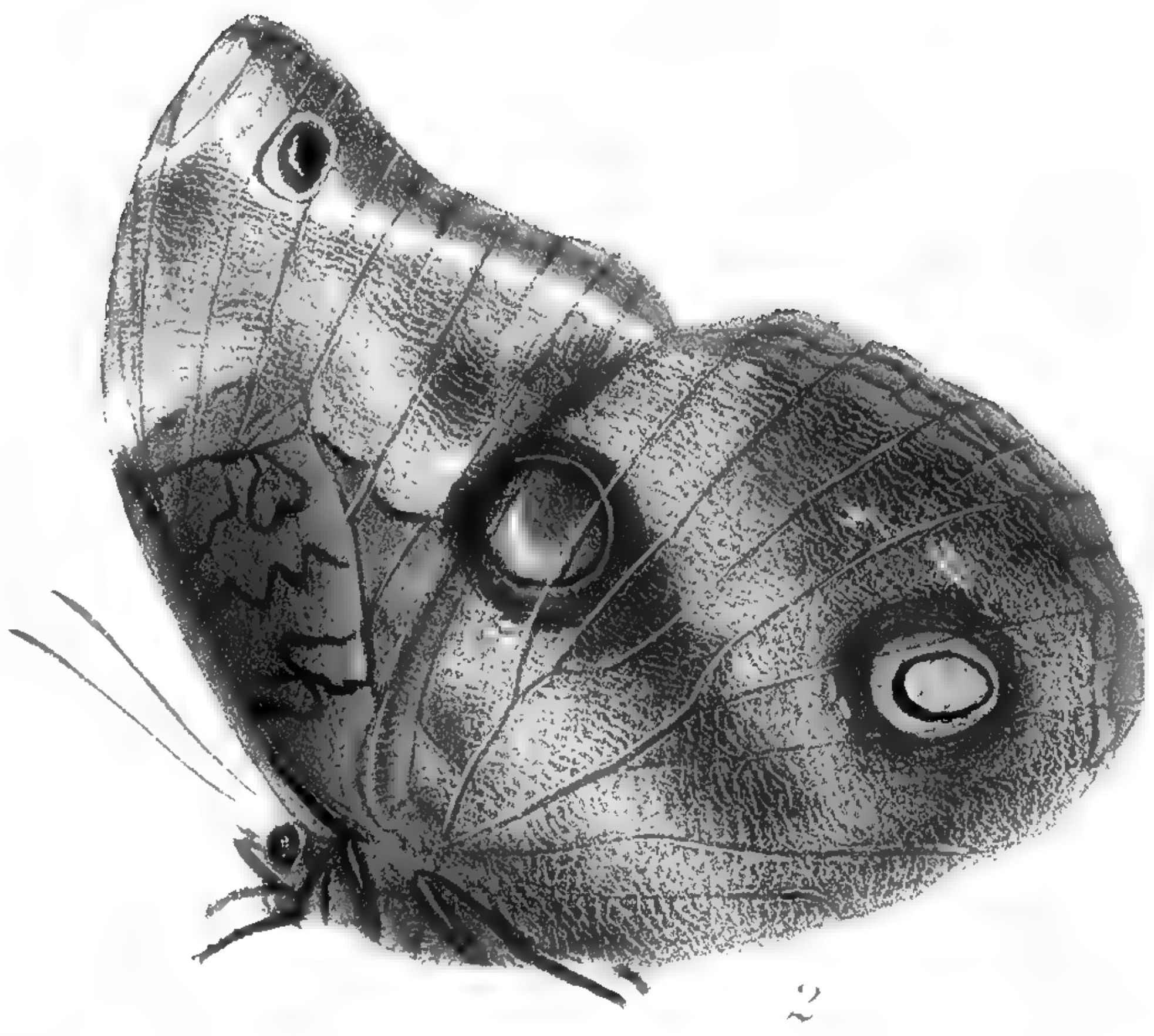
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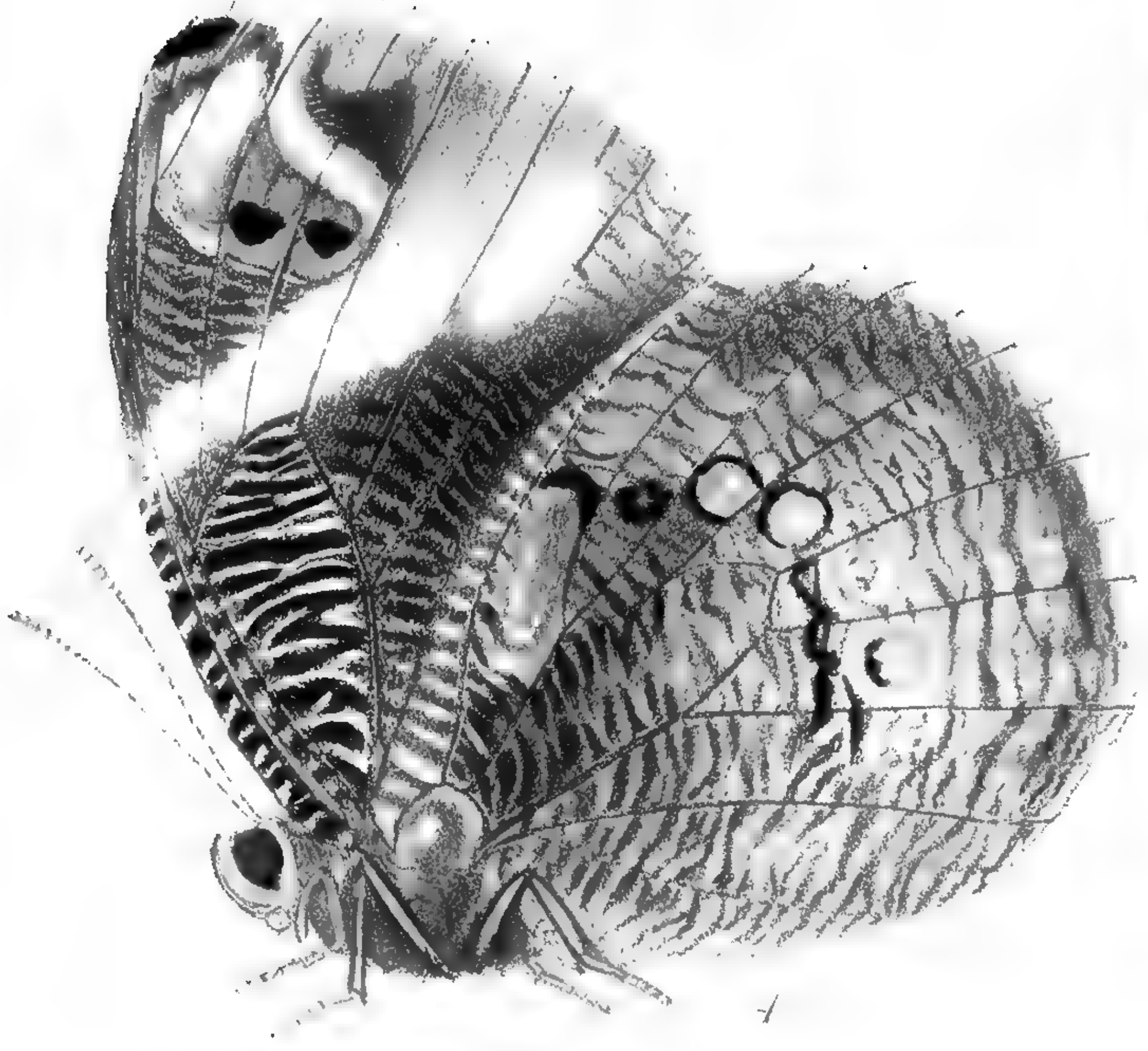
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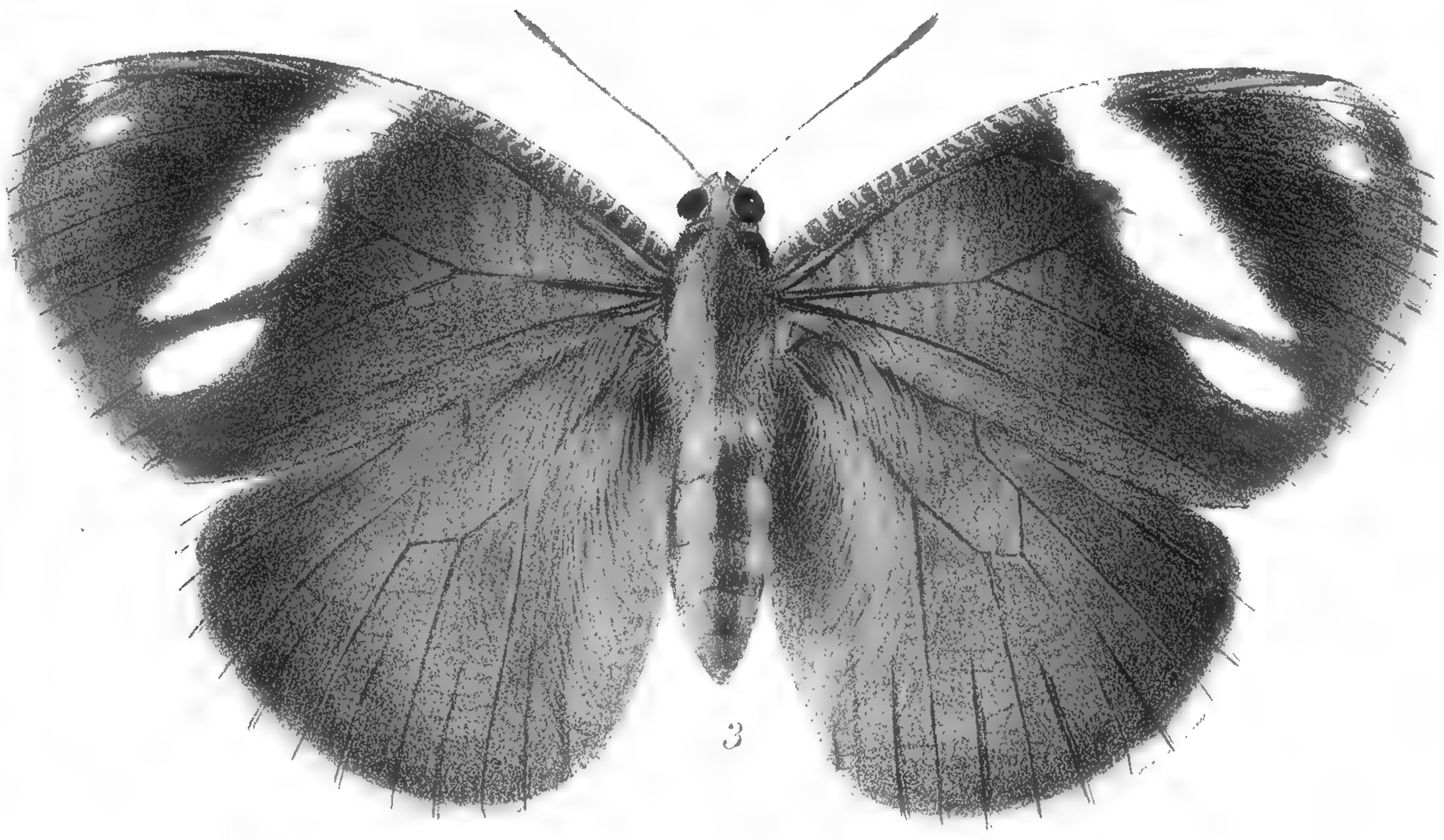
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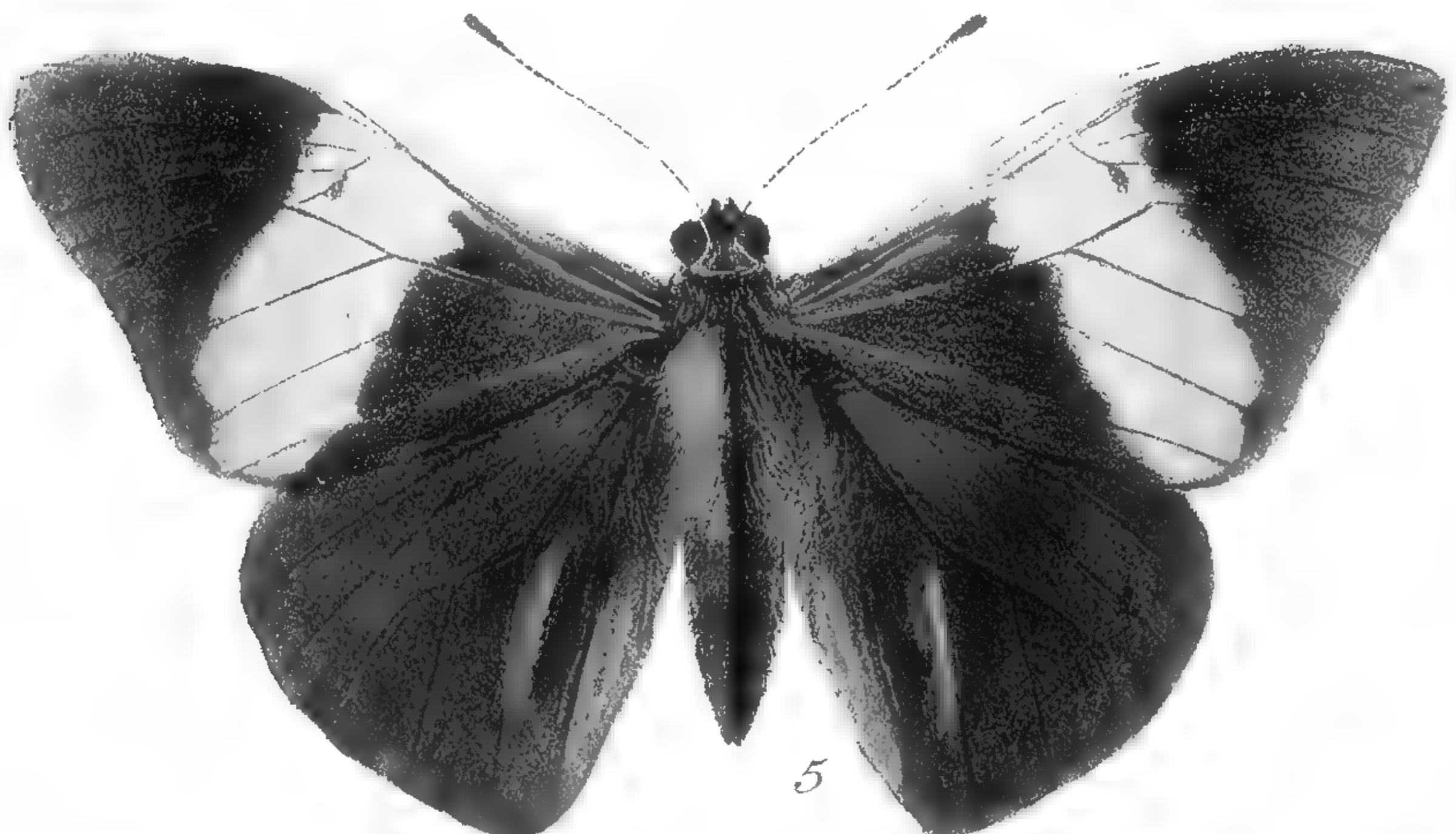
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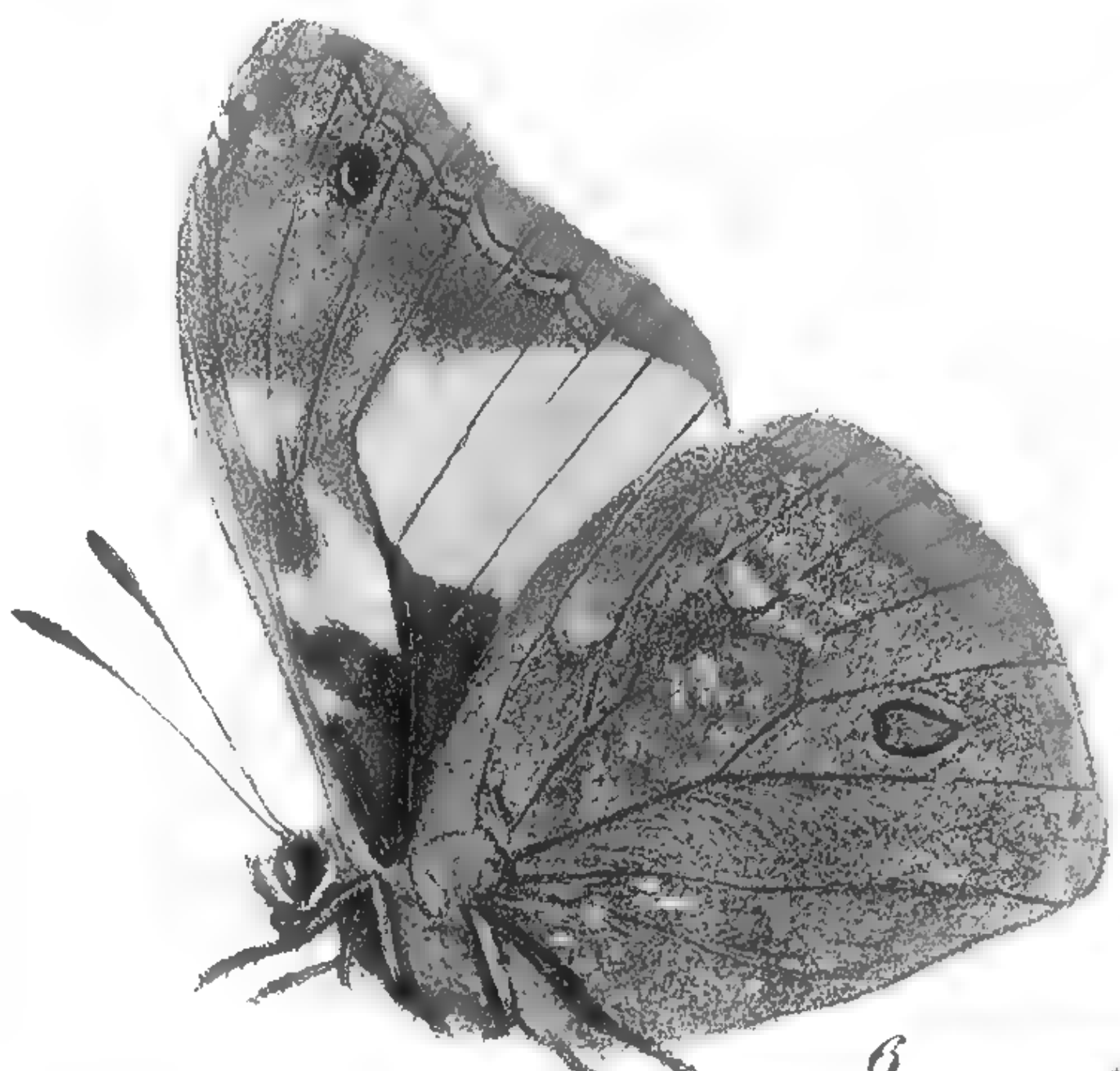
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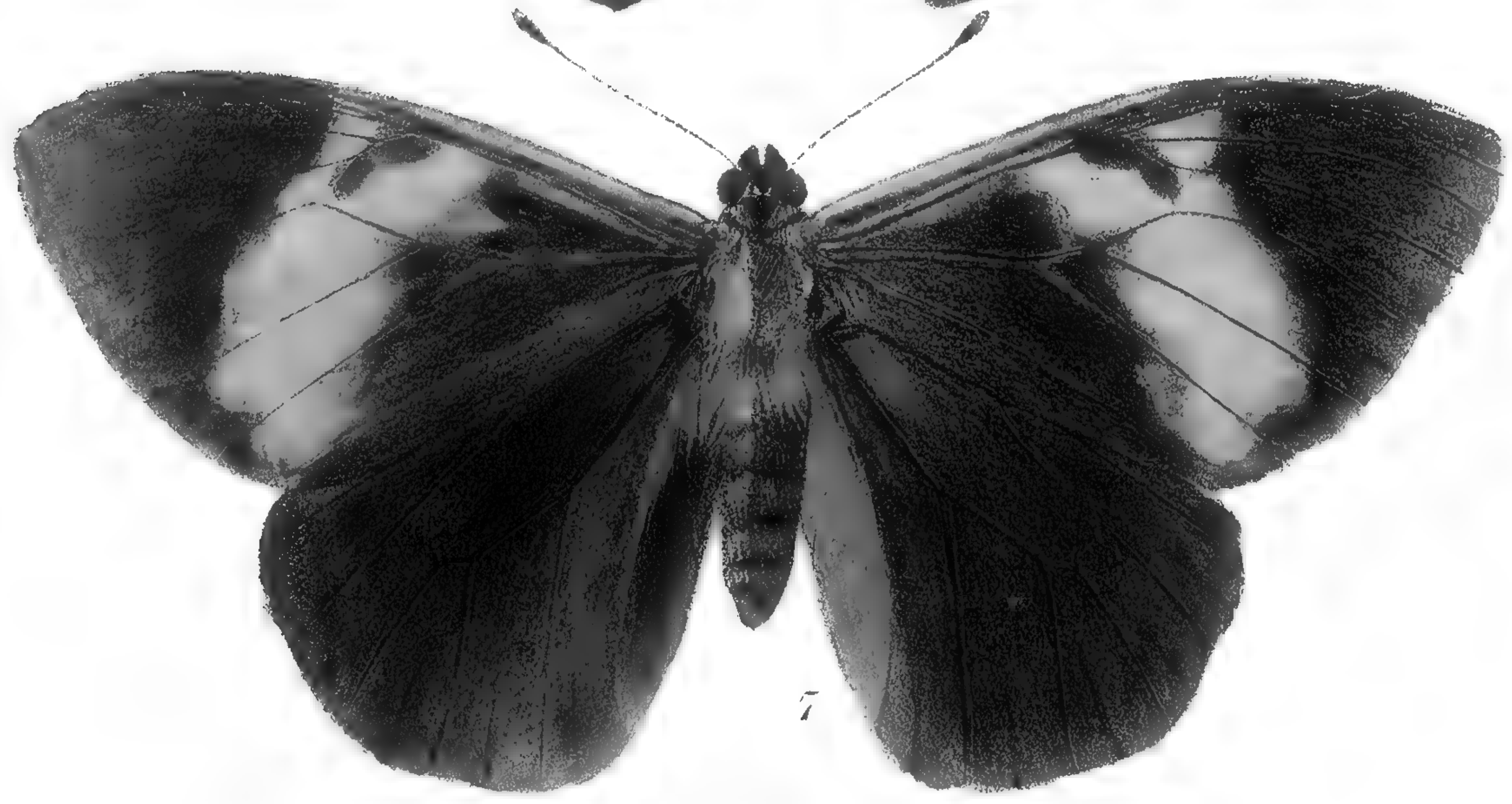
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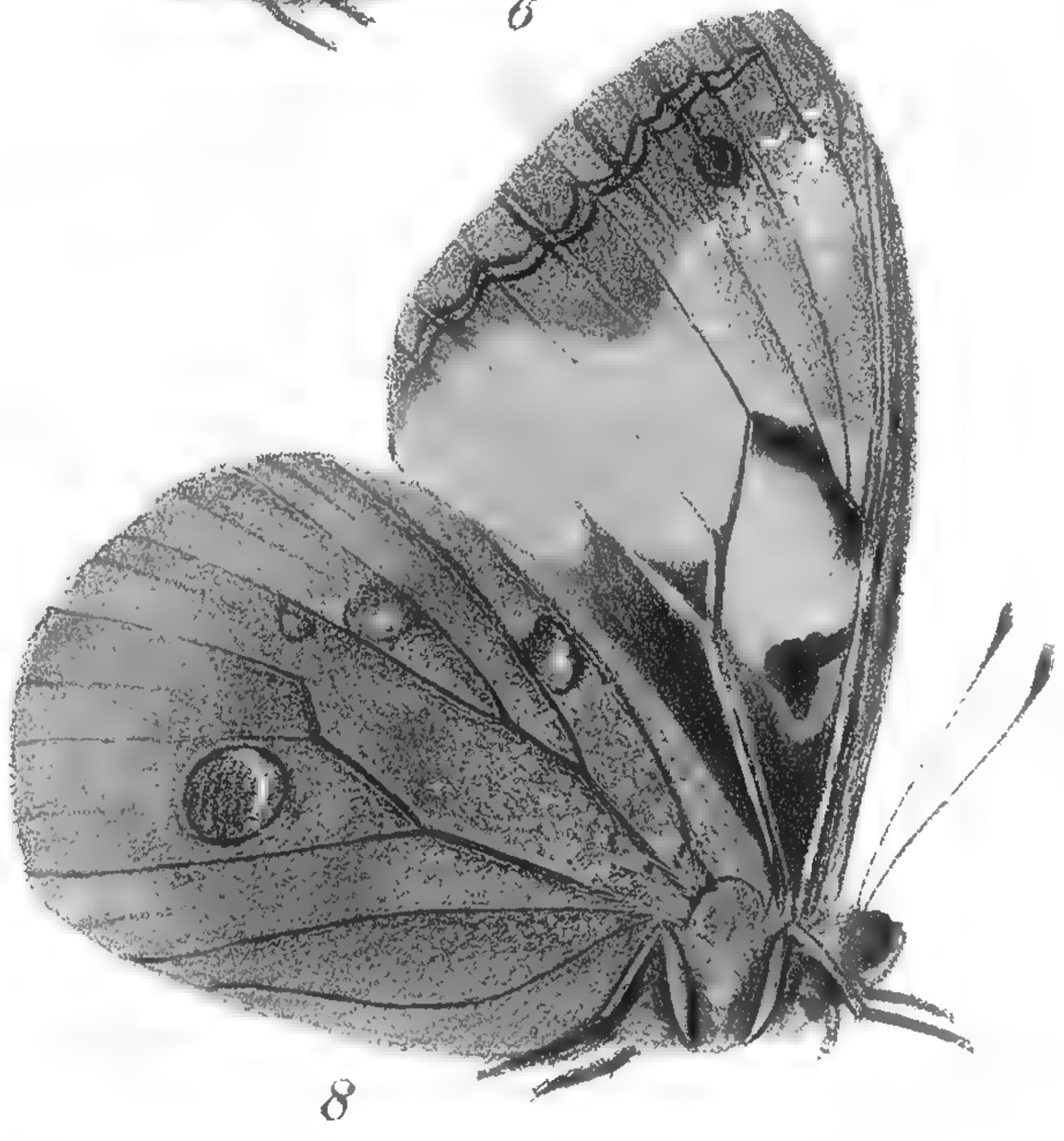
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1.2 OPSIPHANES XANTHUS.
3.4 BRASSOLIS STRIX. 5.6♂ 7.8♀ P. ISTHMIA.

R.H.F. Rippon del. et lith.   M & N. Hanhart imp.

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Blue
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Centimetres
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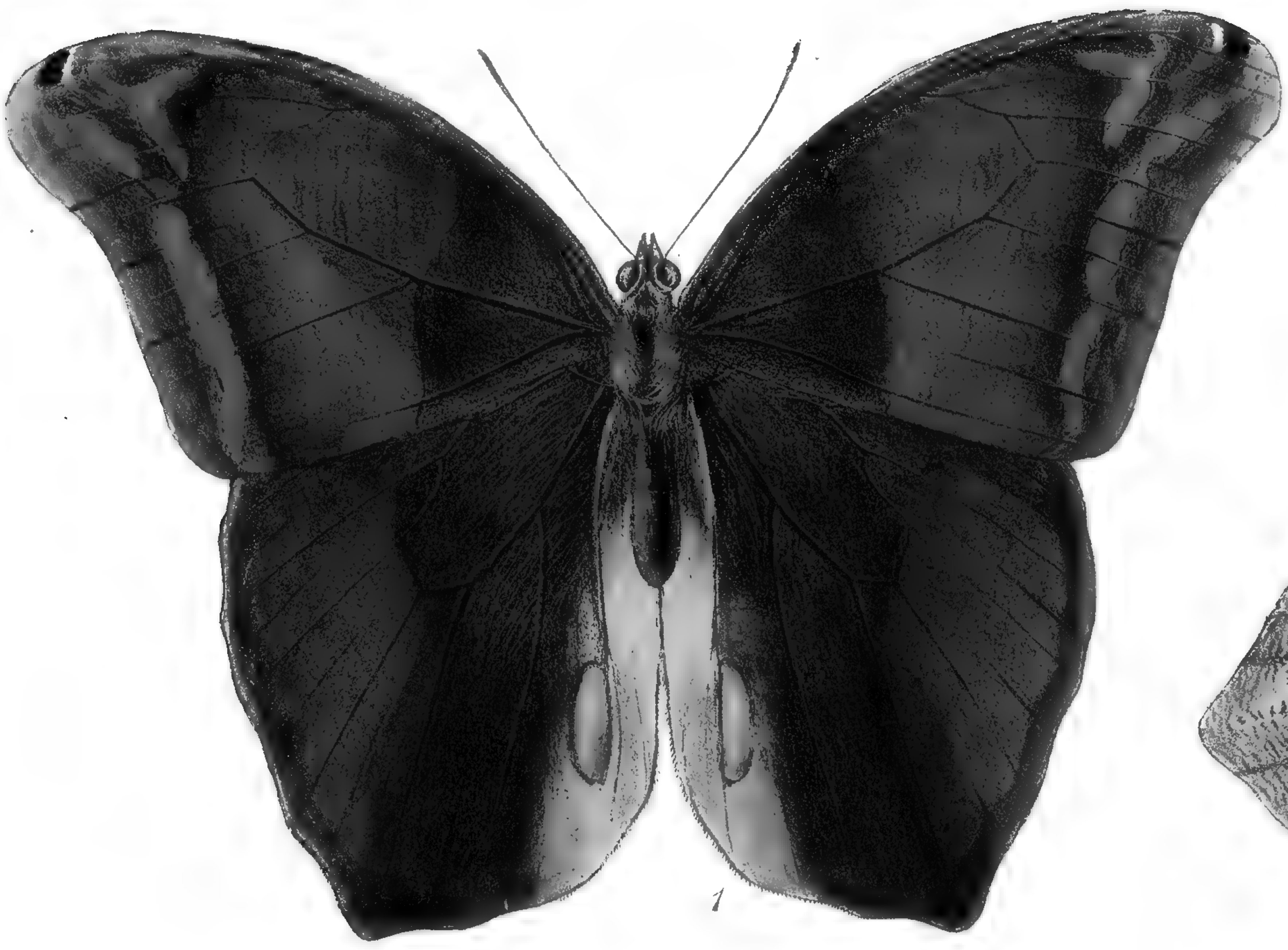
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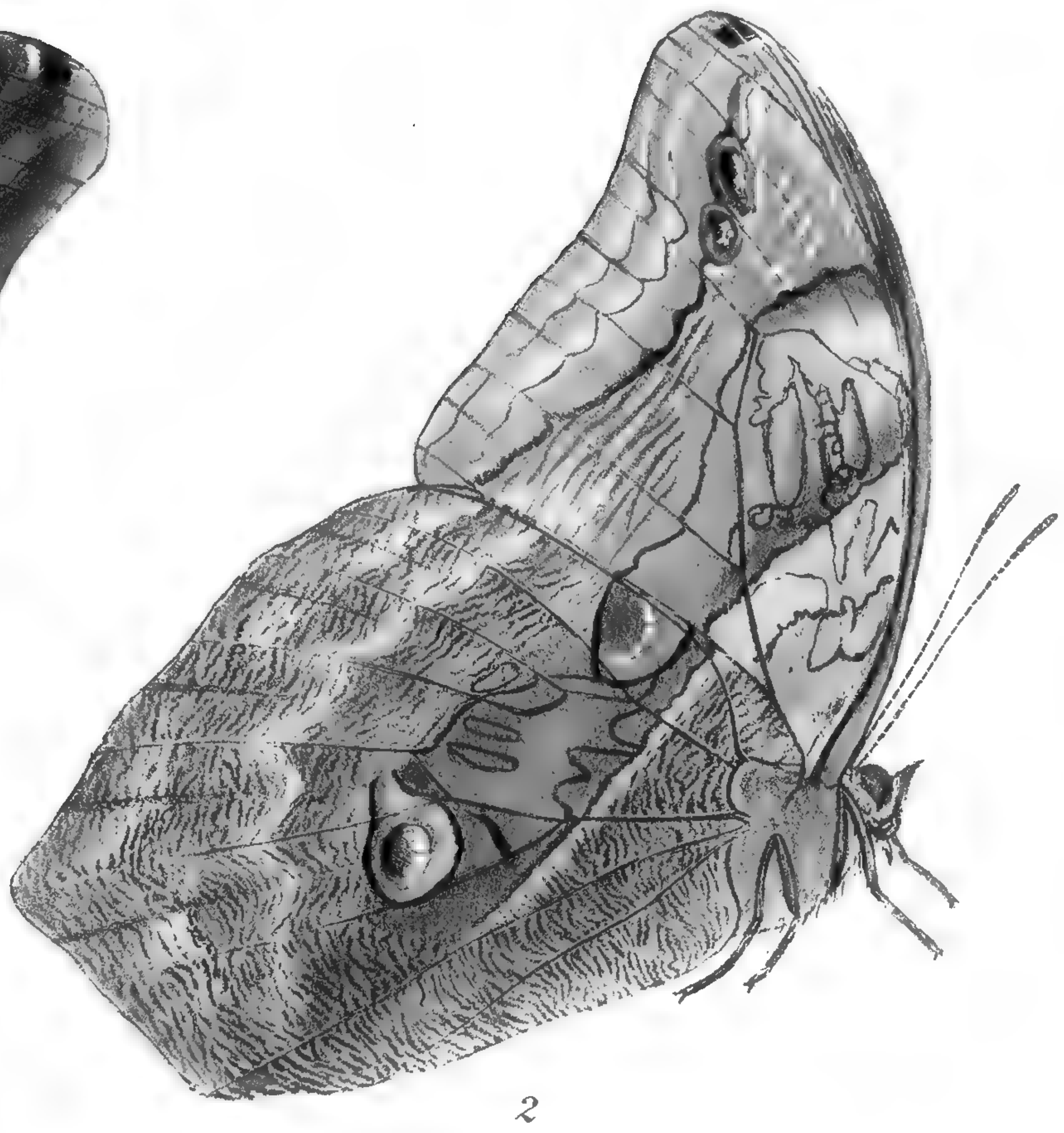
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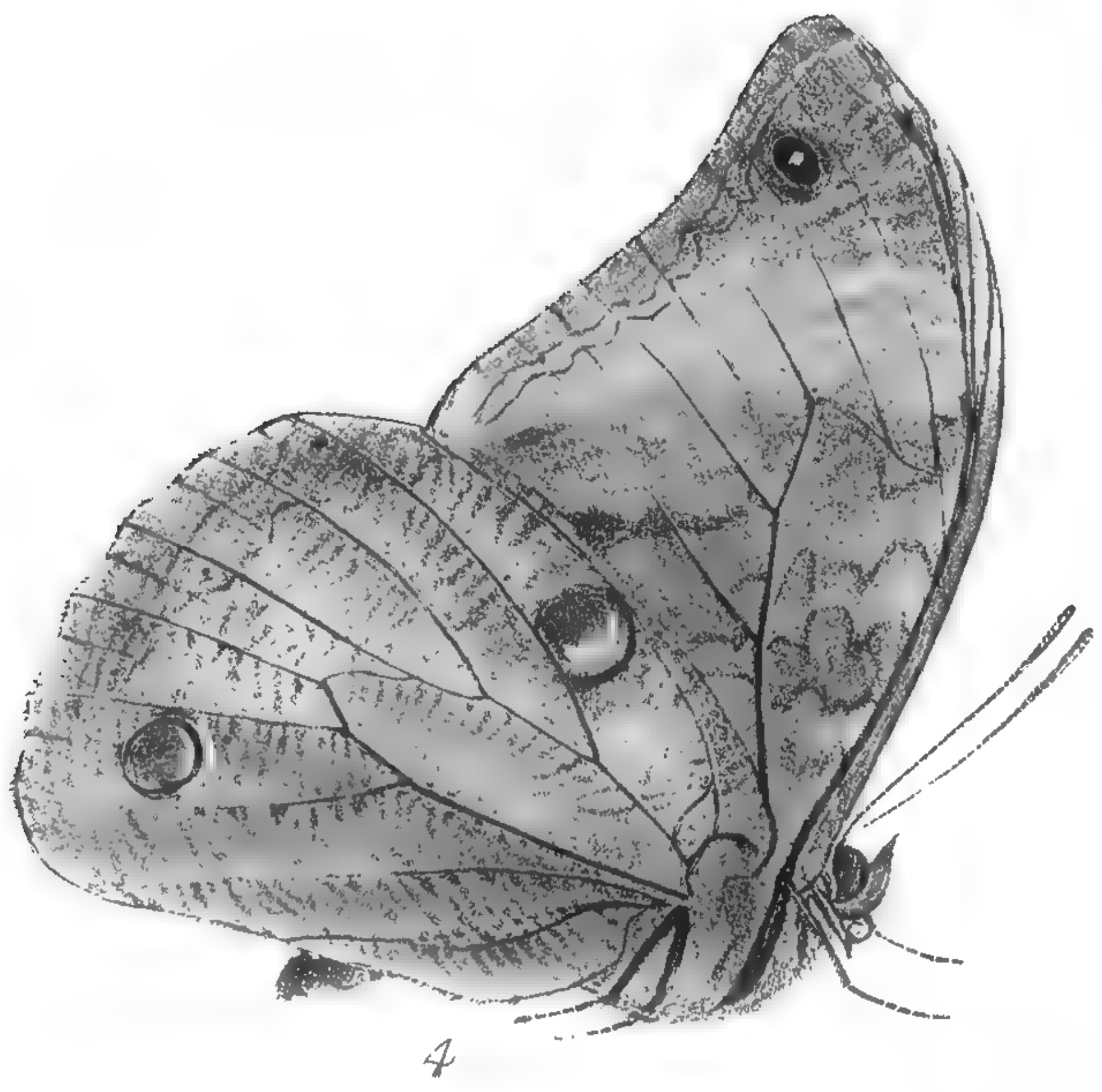
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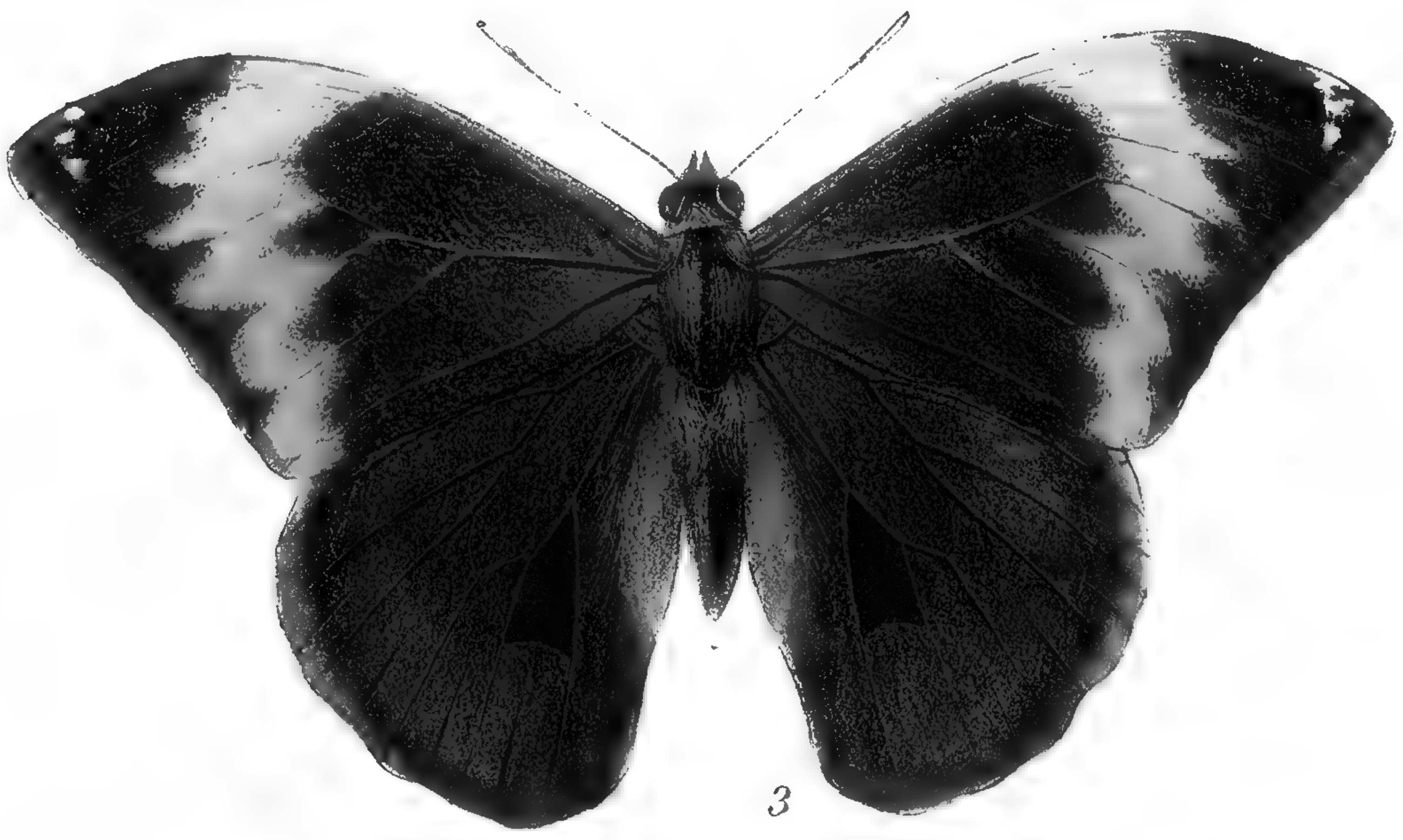
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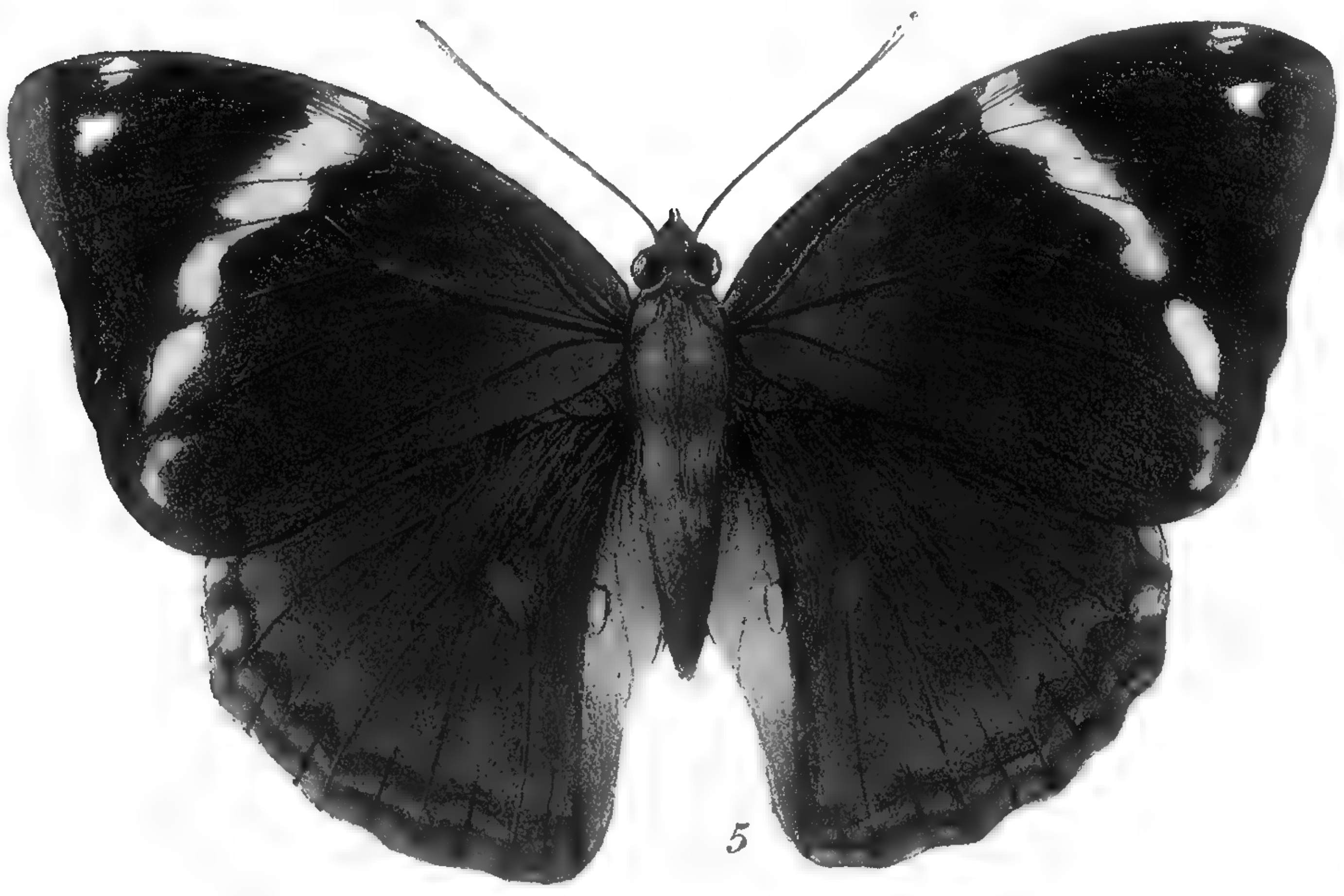
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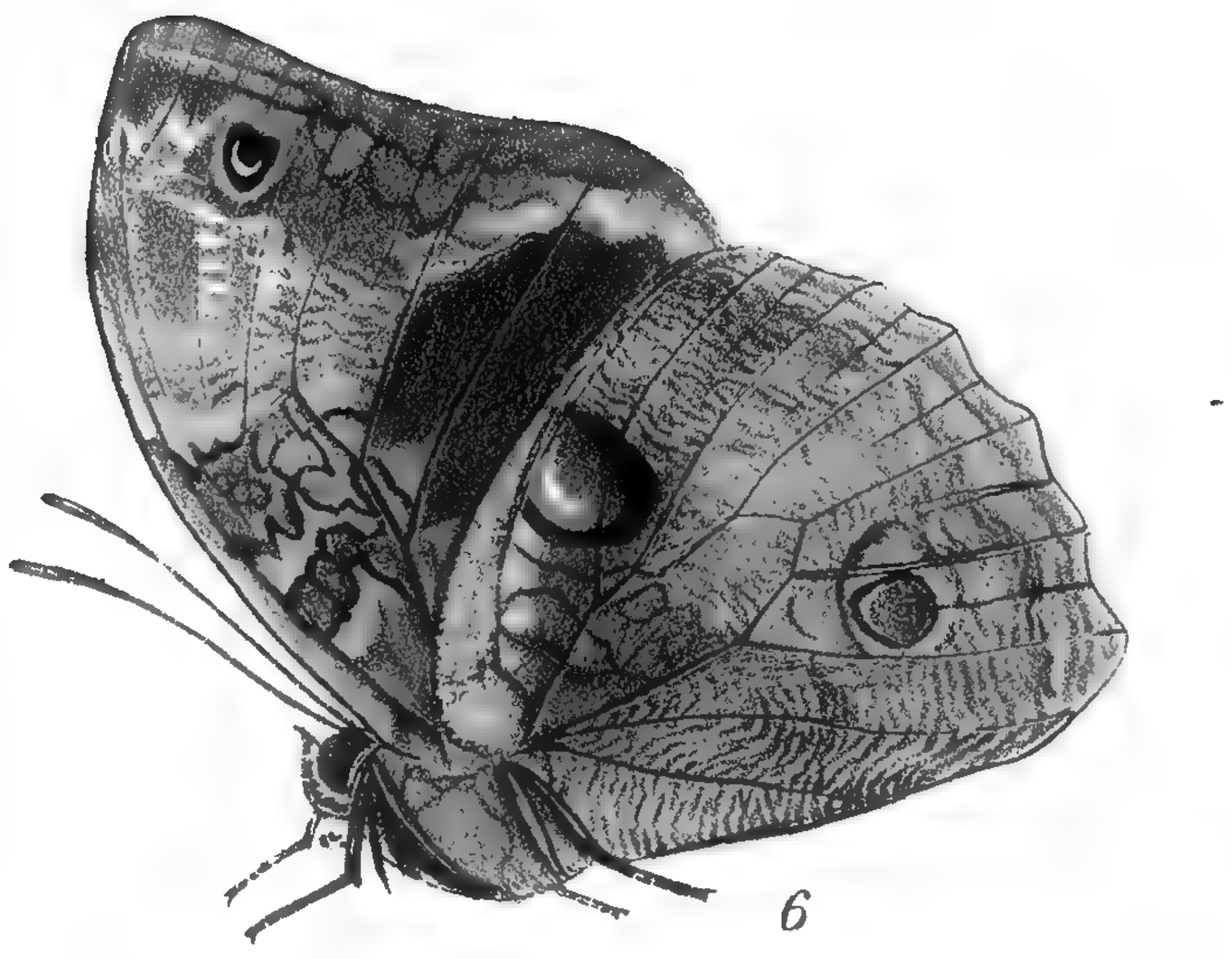
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1,2 ERYPHANIS WARDI.
3,4 OPSIPHANES JOSEPHUS. 5,6 O. TAMARINDI.

R.H.F. Rippon lith.

Hanhart imp
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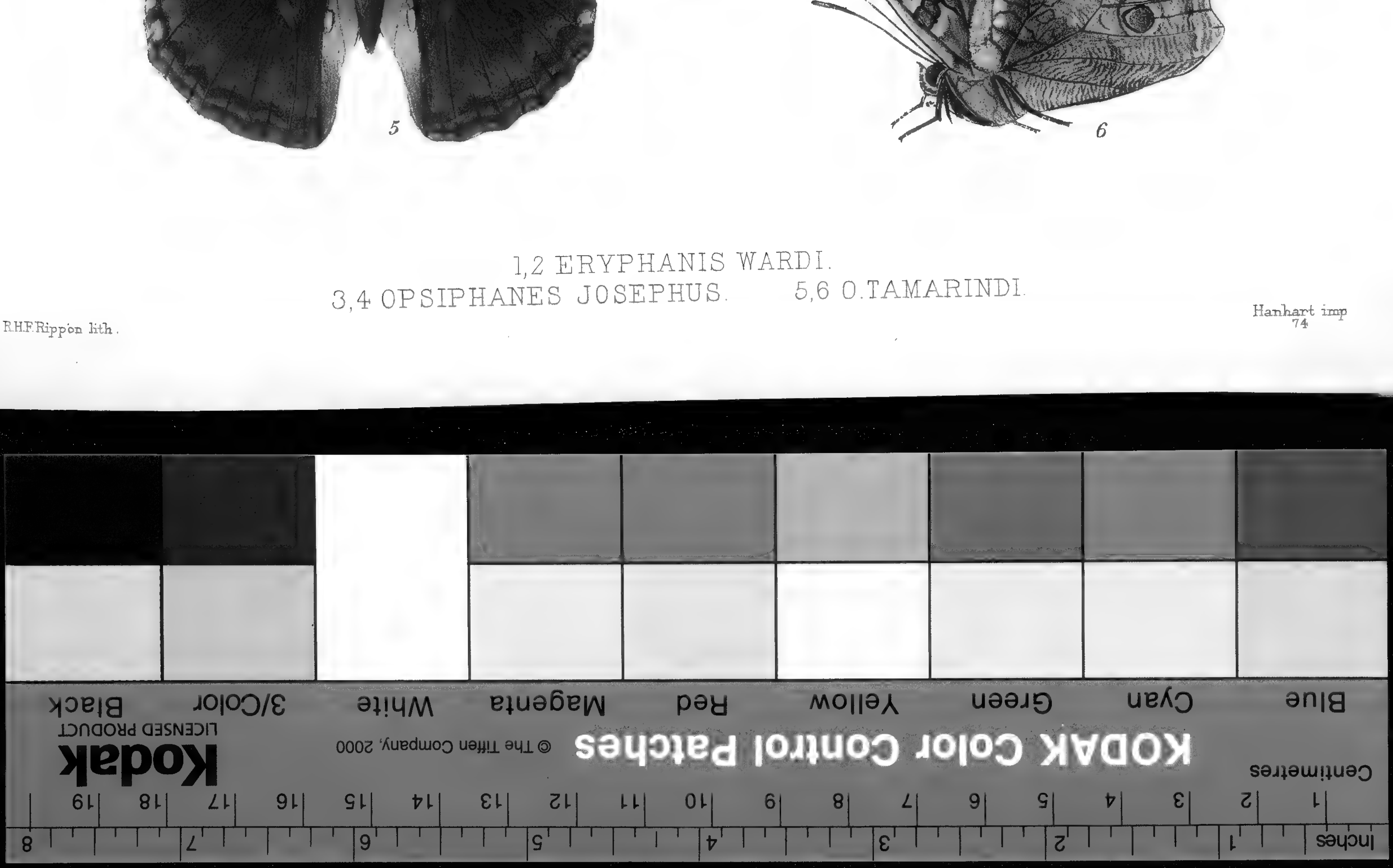
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KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
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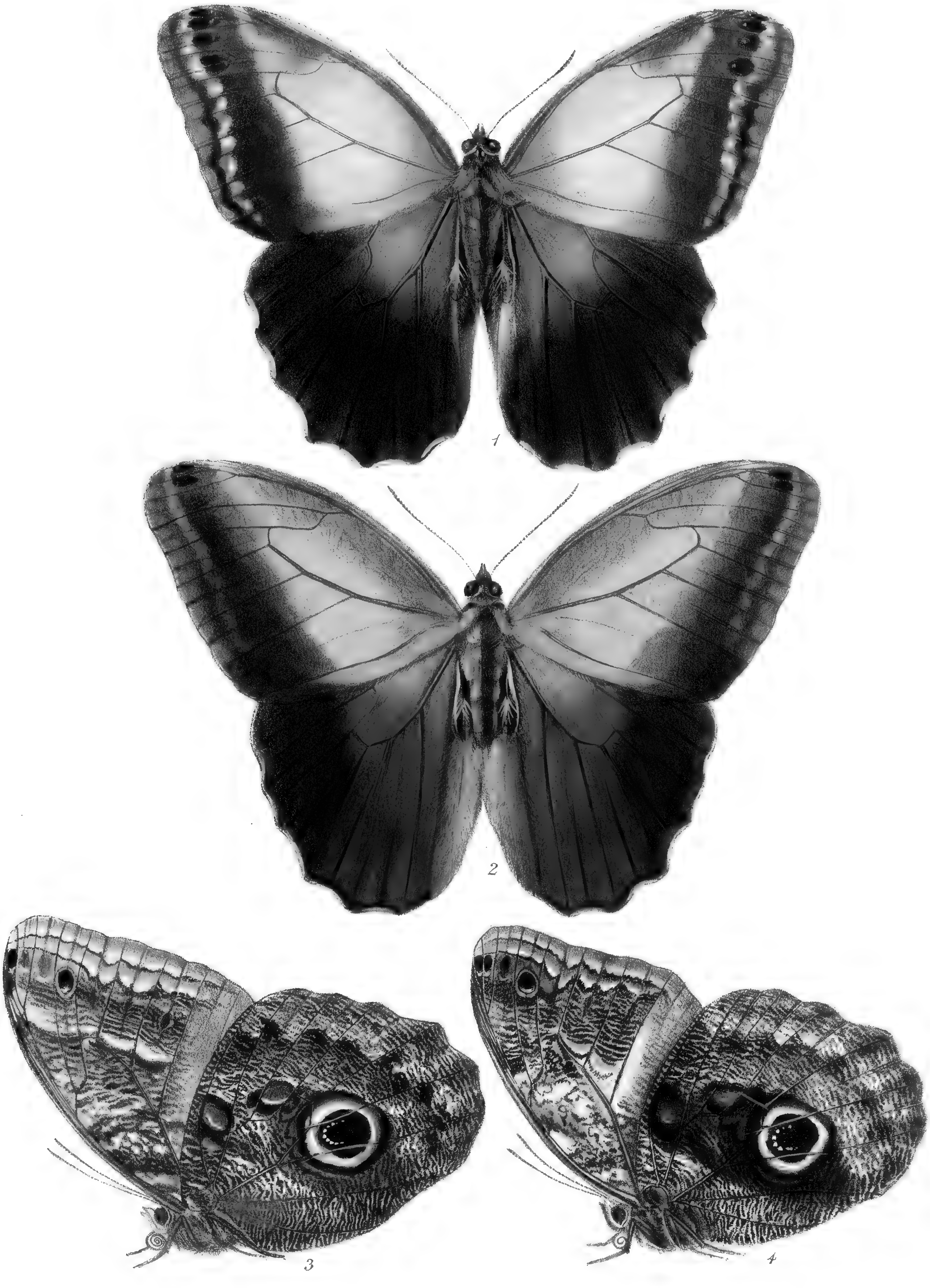

1.4. CALIGO MEMNON. 2.3, C. TELAMONEUS.

R.H.F.Rippon del. et lith.

M&N. Hanhart imp.

KODAK Color Control Patches
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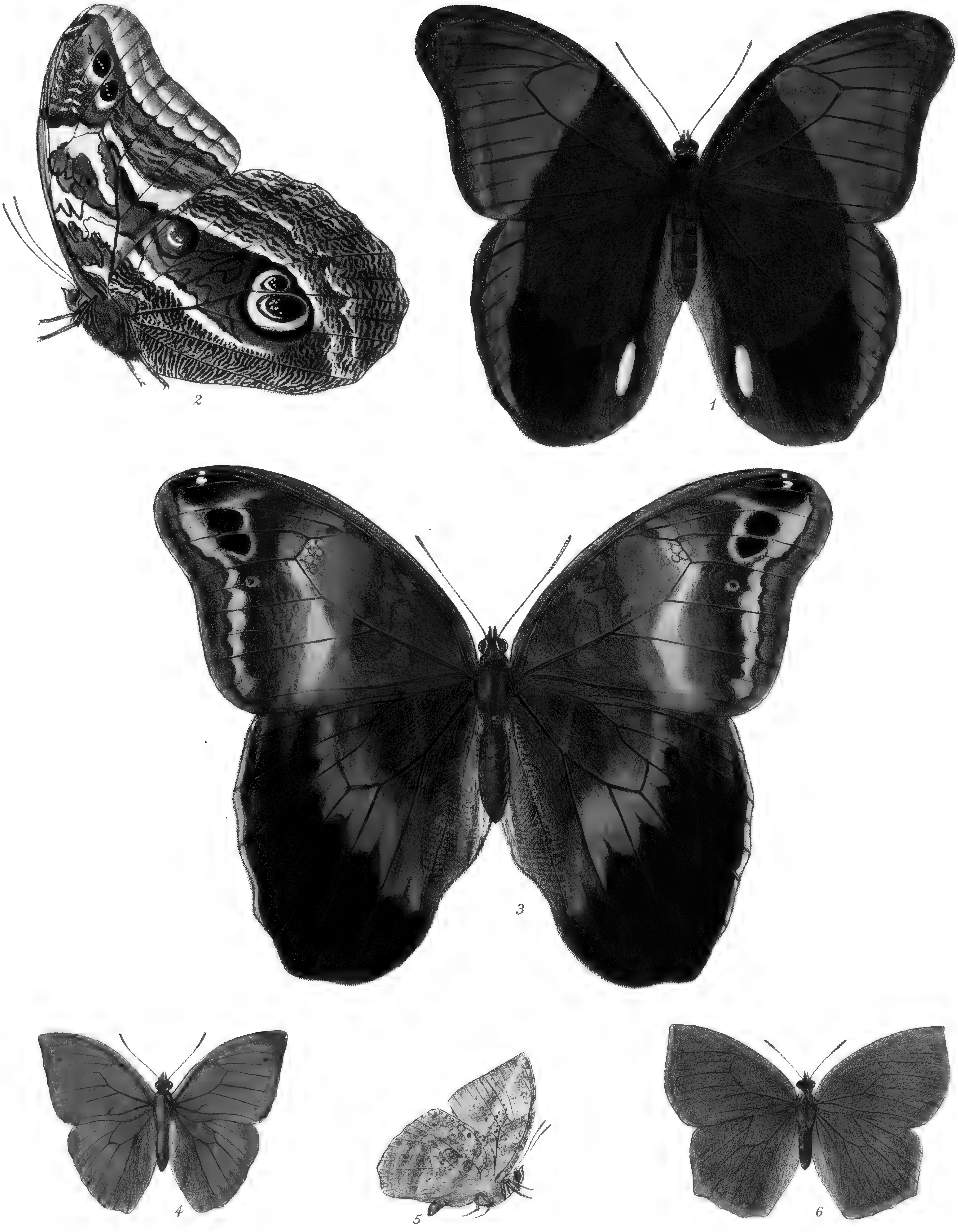
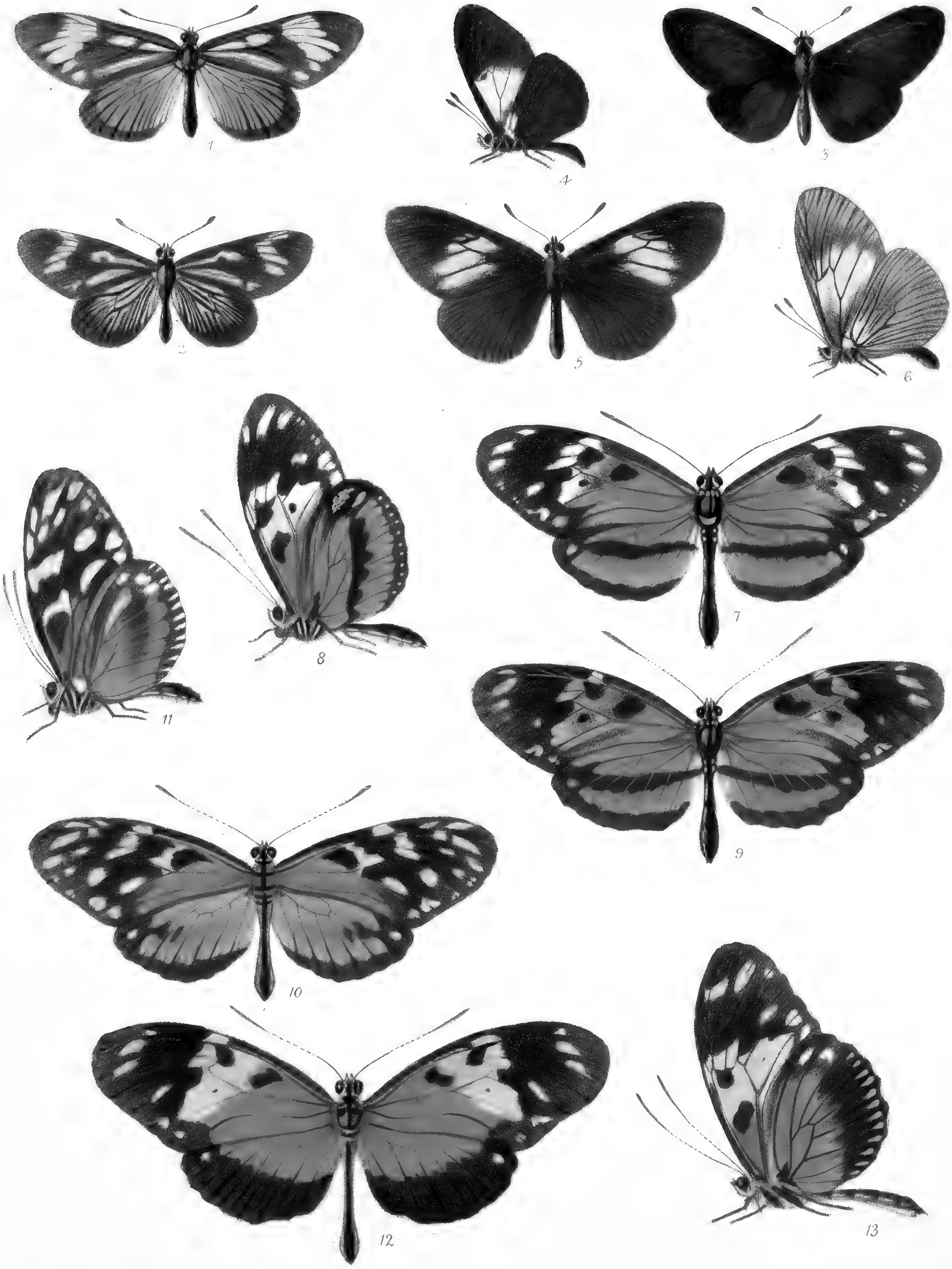
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black
Centimetres
Inches



1, 2 ♂, 3 ♀ ERYPHANIS BUBOCULA.
4, 5 ♂, 6 ♀ NAROPE TESTACEA.

R.H.F.Rippon lith.
Hanhart imp.
73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1♂, 2♀ ACRÆA ANTEAS. 3, 4♂, 5, 6♀ A. NOX. 7. 8. 9. *var* HELICONIUS ALBUCILLA.
10, 11 H. XANTHICUS. 12, 13 H. MELICERTA.
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R. H. F. Rippon del et lith

M & N Hanhart imp
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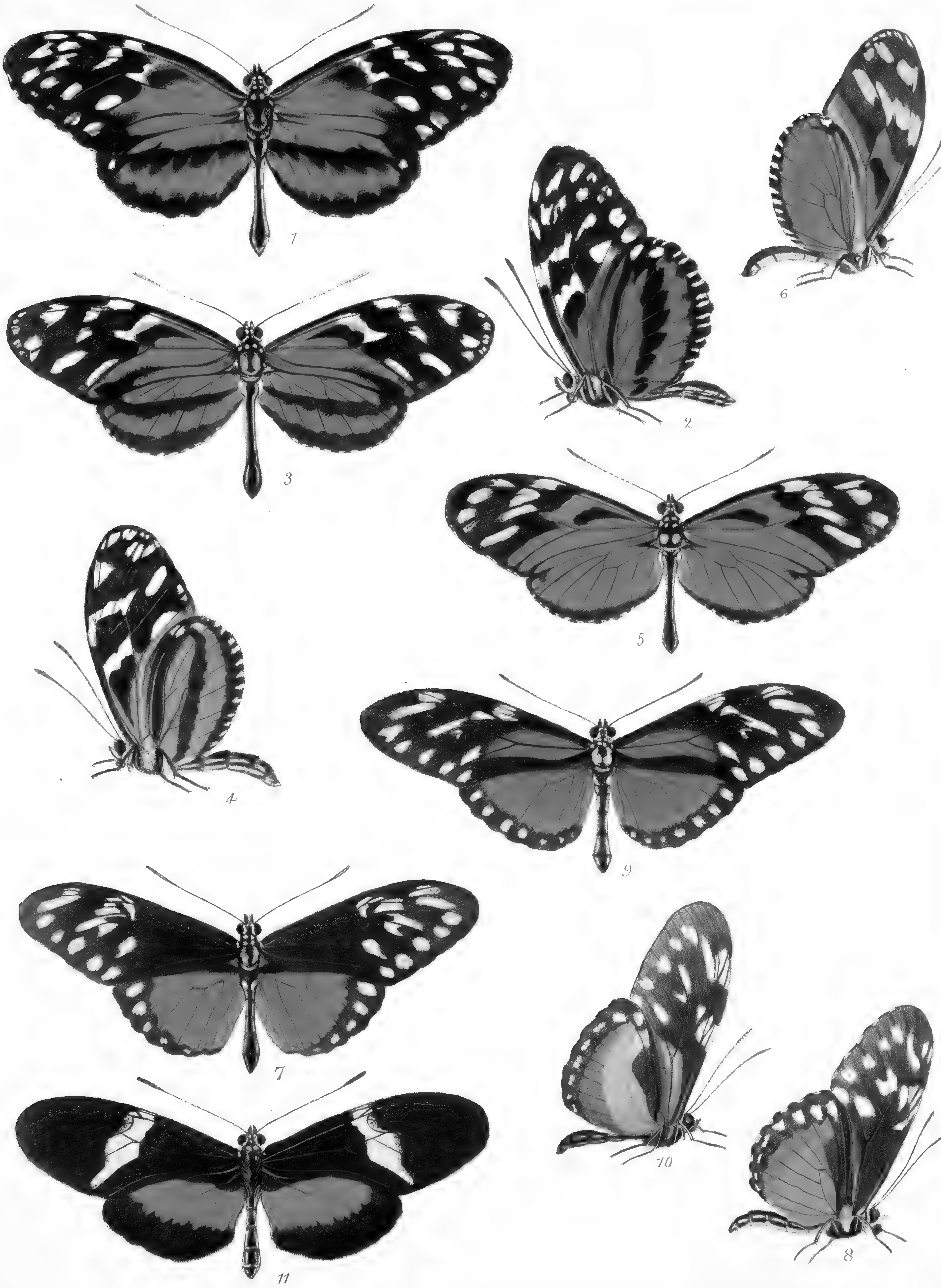

1, 2 HELICONIUS JUCUNDUS. 3, 4 H. FASCIATUS. 5. 6. H. CLARESCENS.
7, 8 H. FORMOSUS. 9, 10 H. OCTAVIA. 11 H. MONTANUS.

R.H.F. Rippon del. et lith.
M & N. Hanhart imp
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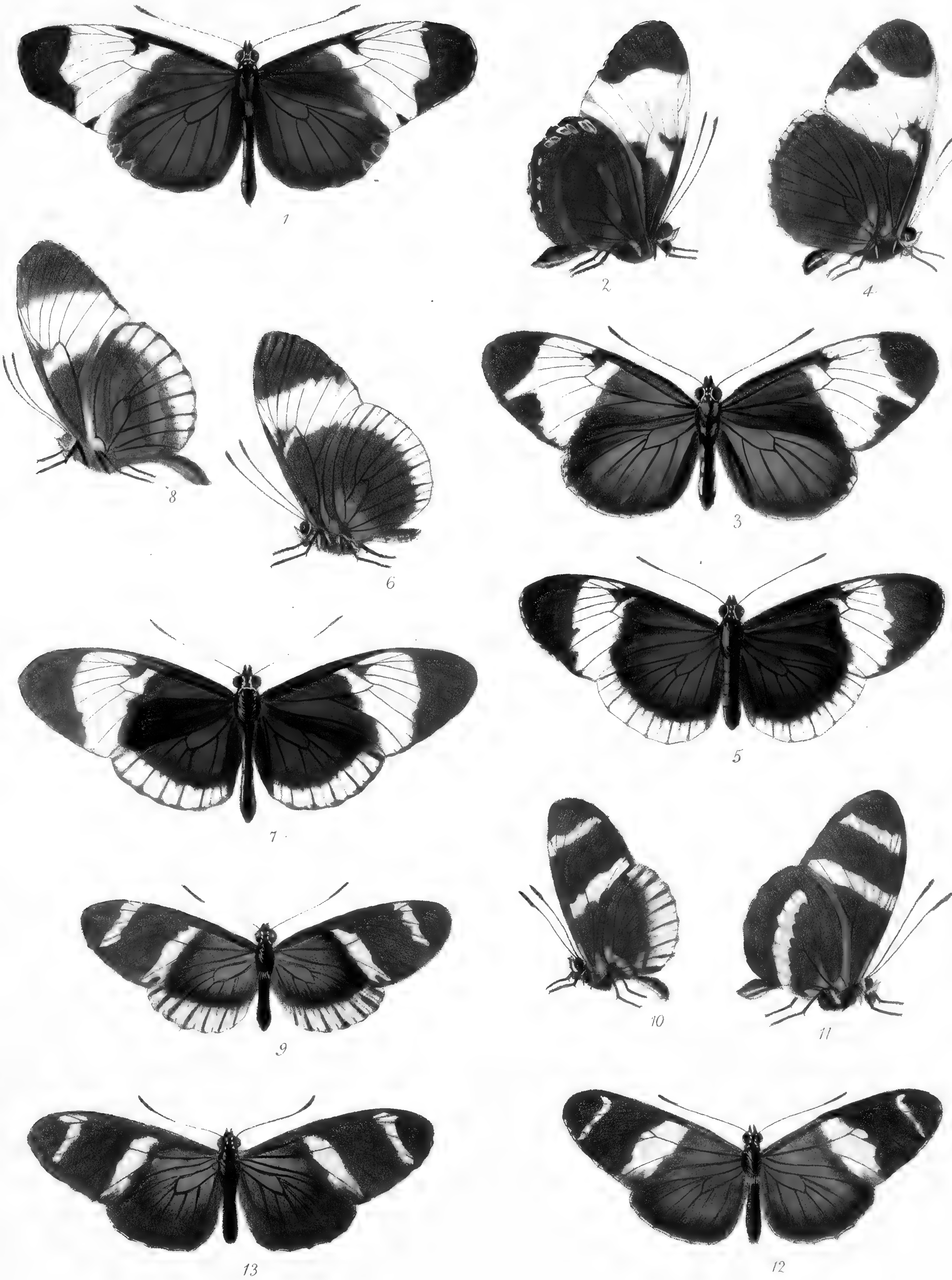

1, 2. HELICONIUS GALANTHUS. 3, 4 H. LEUCE. 5, 6 H. SAPPHO
7, 8 H. CHIONEUS. 9, 10 H. THEUDELA. 11 H. PACHINUS.
12 H. VERÆPACIS. 13 H MACDALENA.

R. H. F. Rippon del. et lith.

M & N Hanhart imp.
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Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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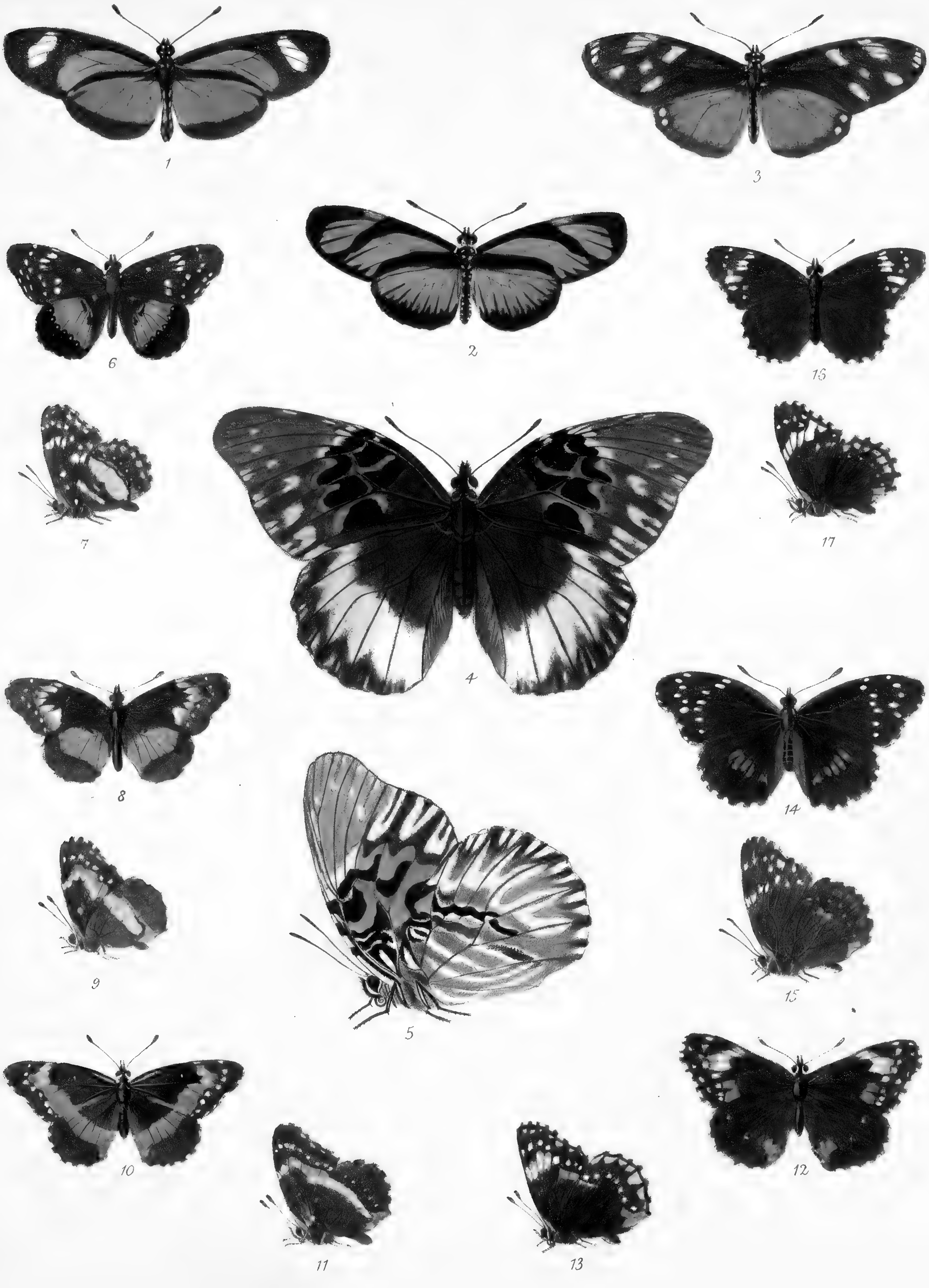
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1 EUEIDES OLYMPIA. 2 E. LINEATA. 3 E. VULGIFORMIS.
4,5. CLOTHILDA INSIGNIS. 6-17. SYNCHLOE LACINIA.

R.H.Rippon.del.et.lith.

M&N.Hanhart imp
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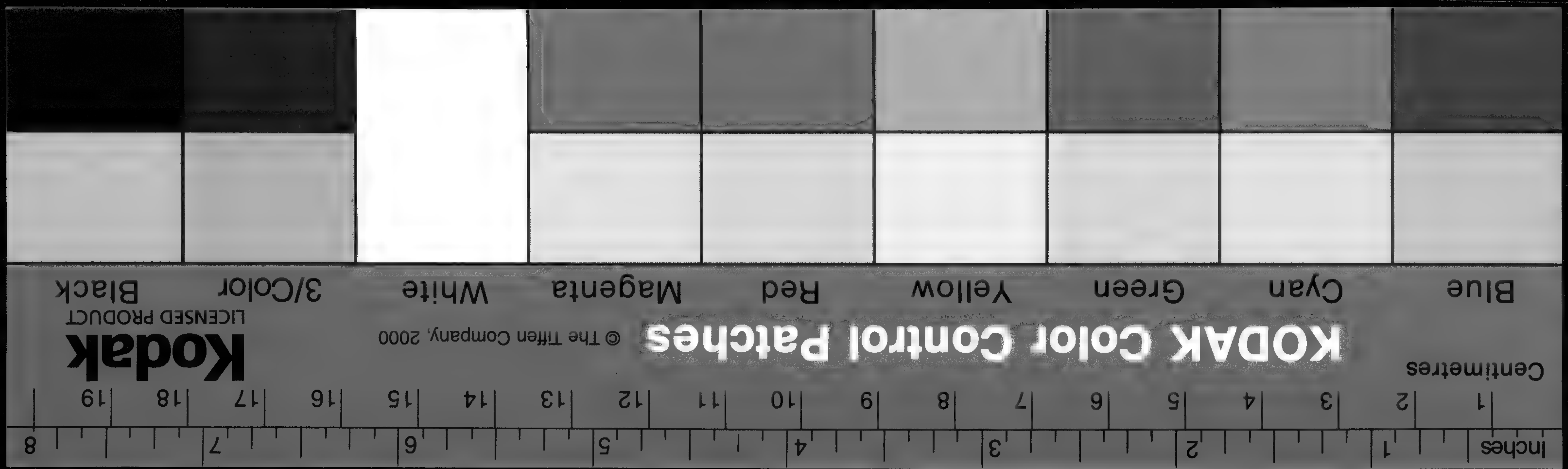
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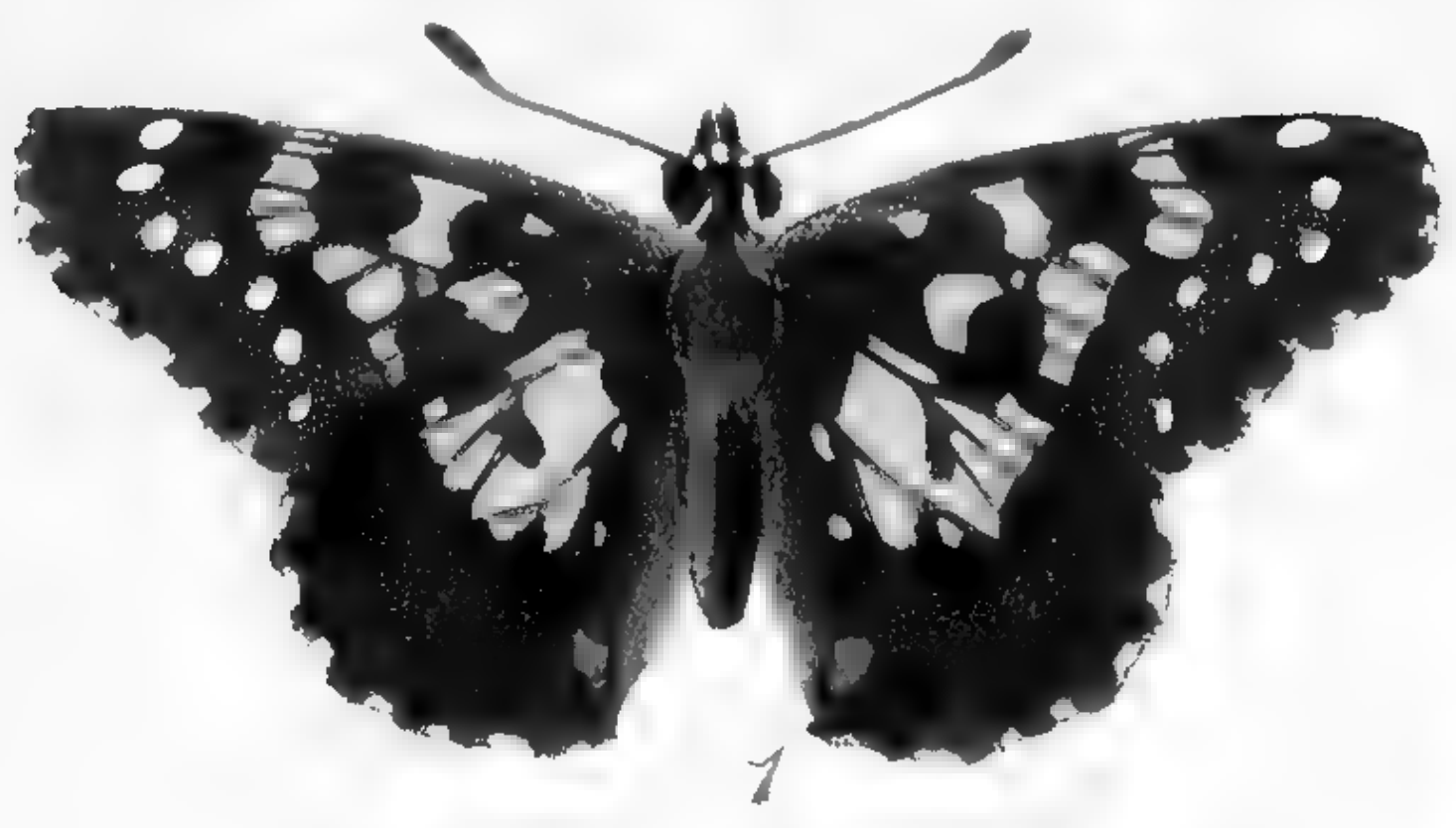
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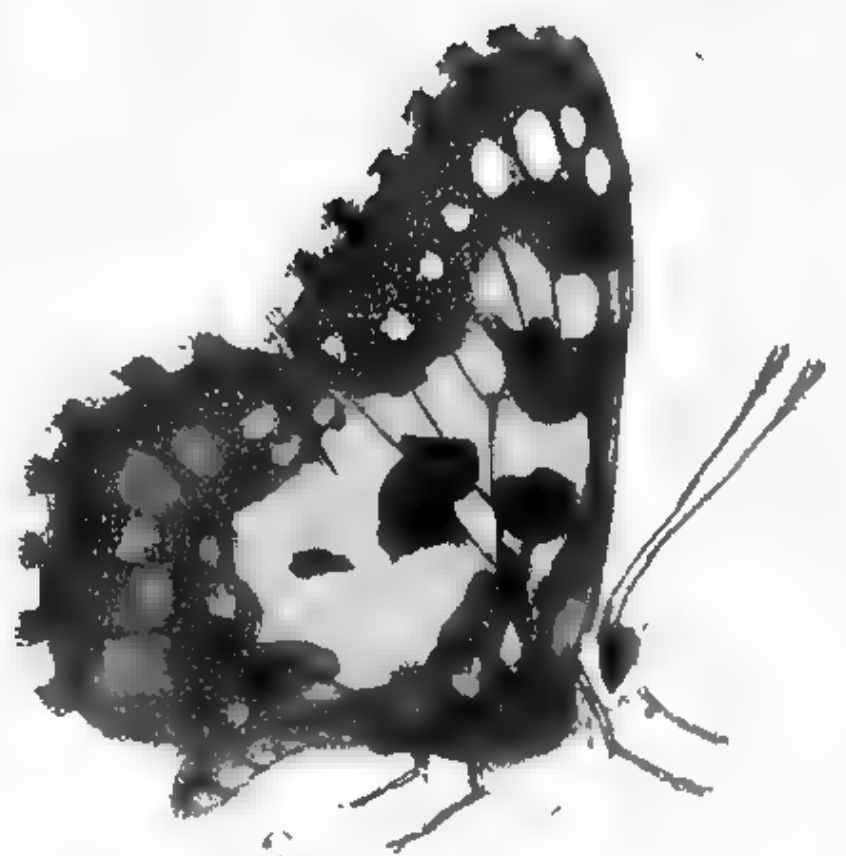
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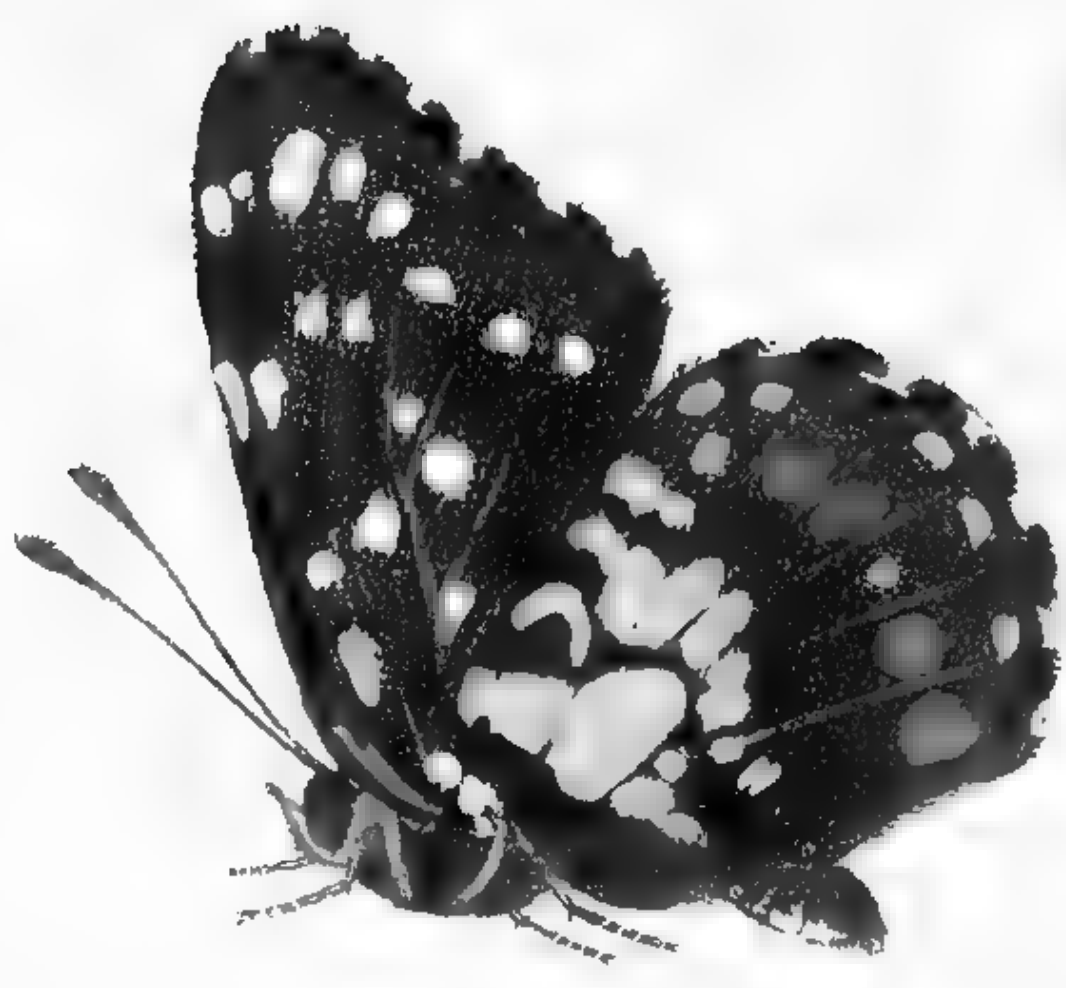
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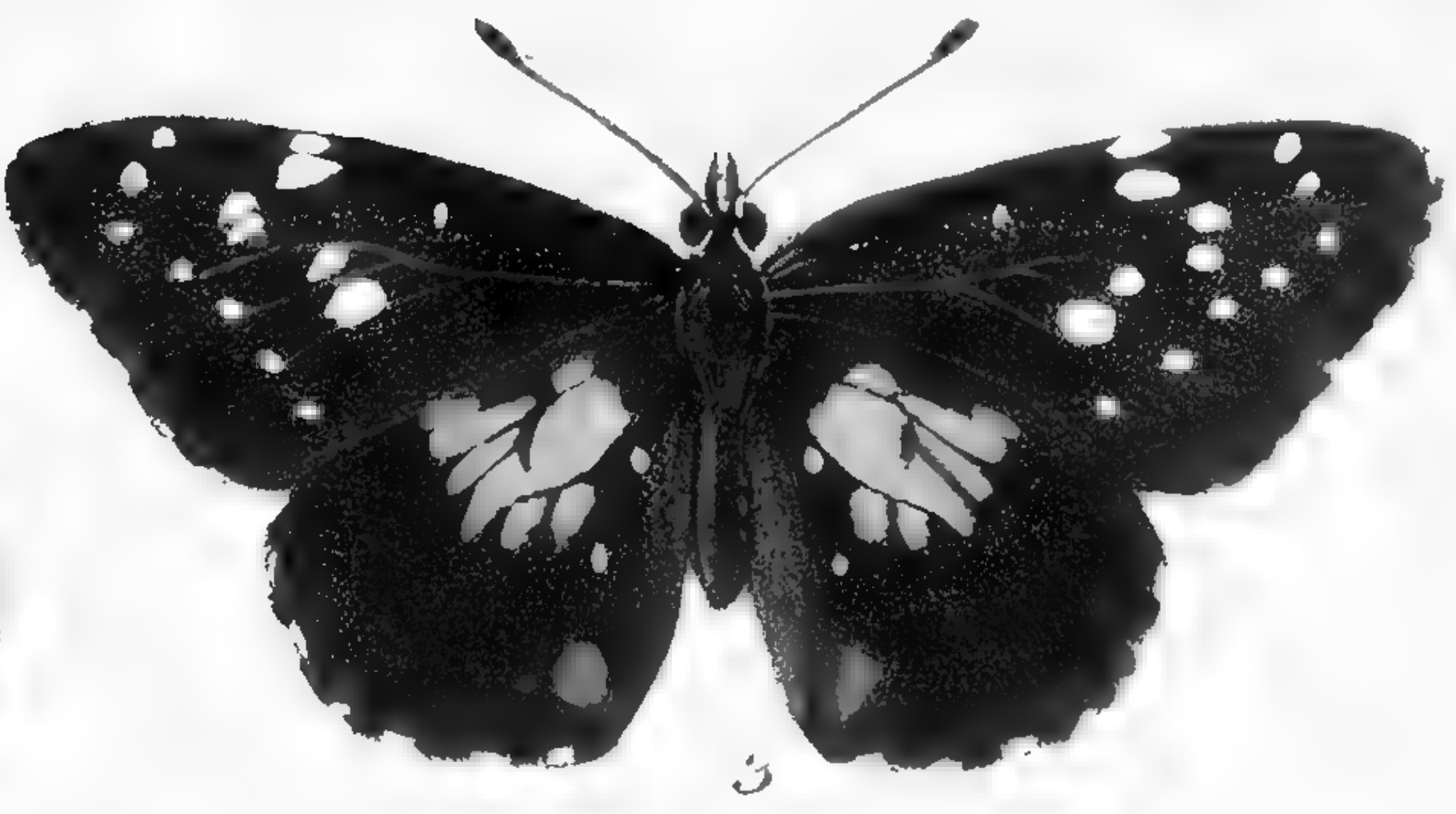
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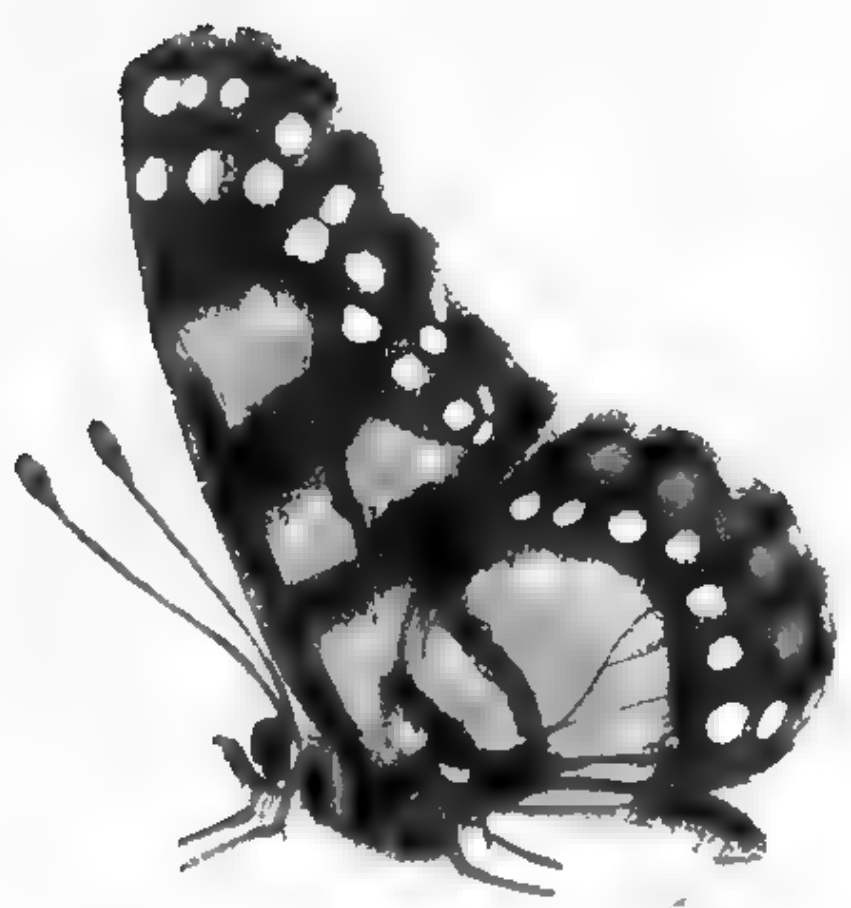
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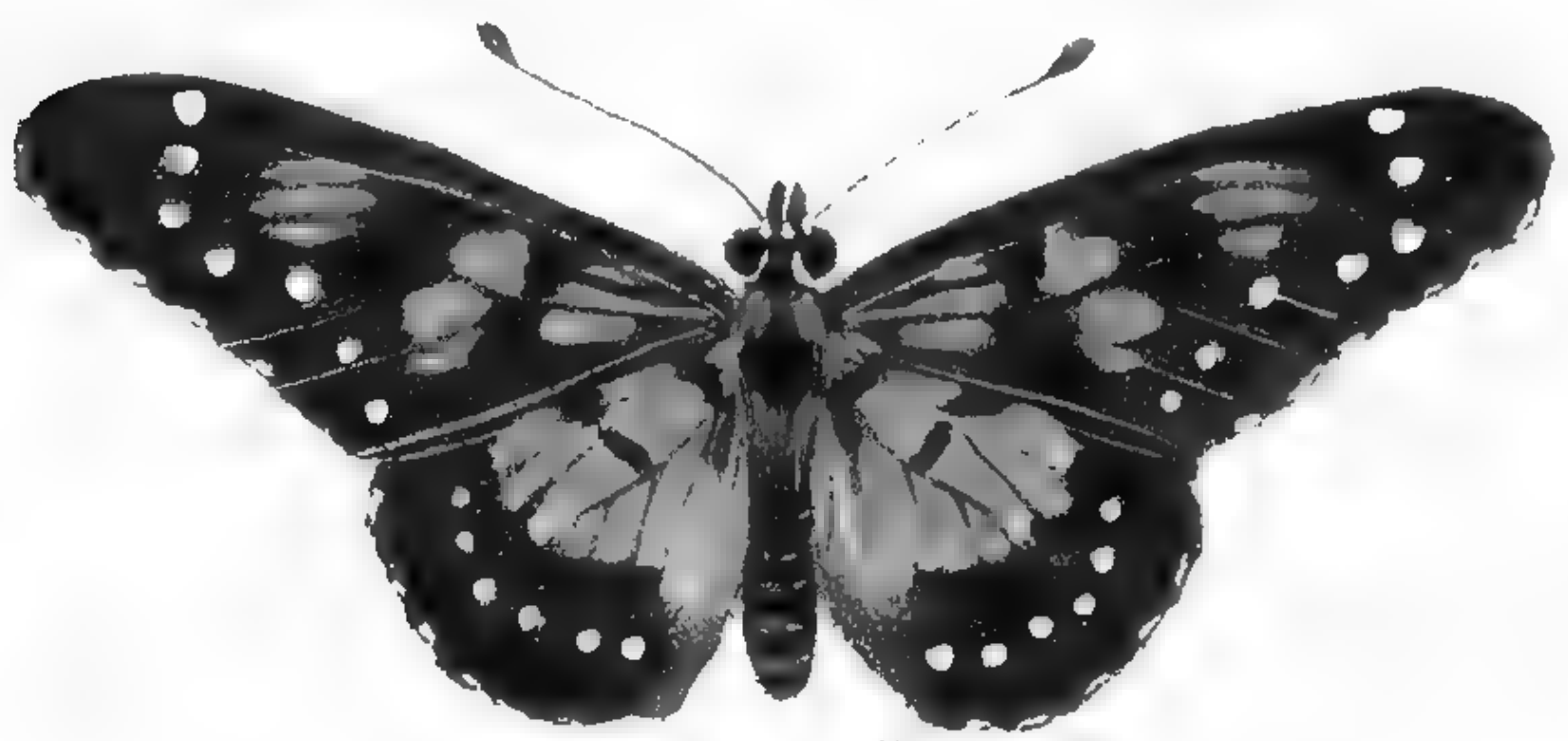
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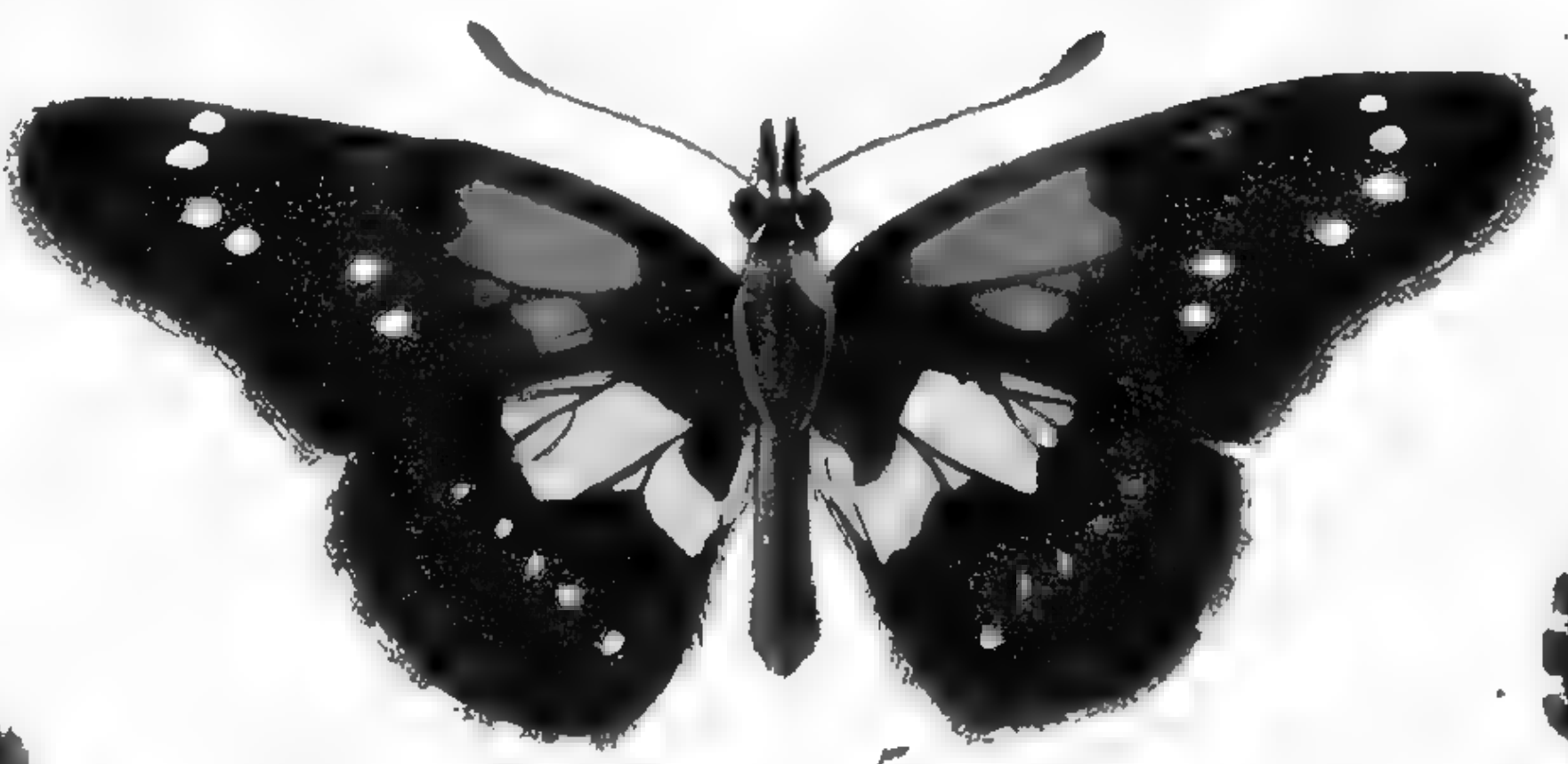
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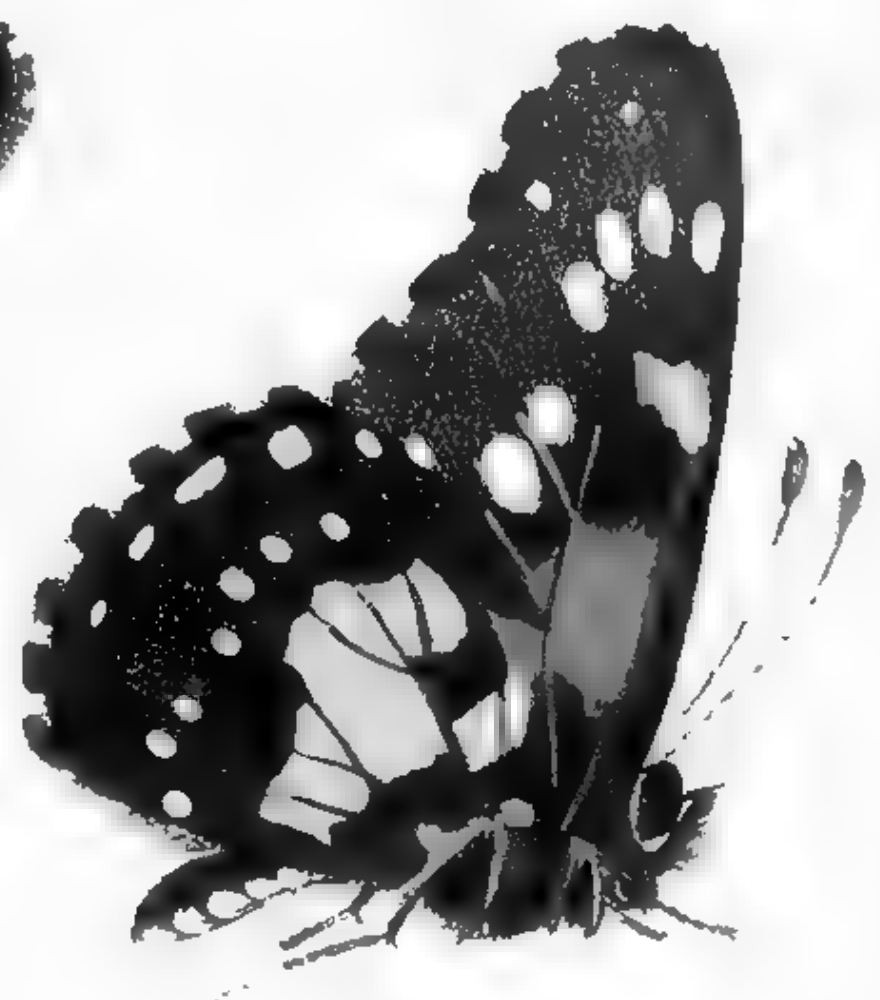
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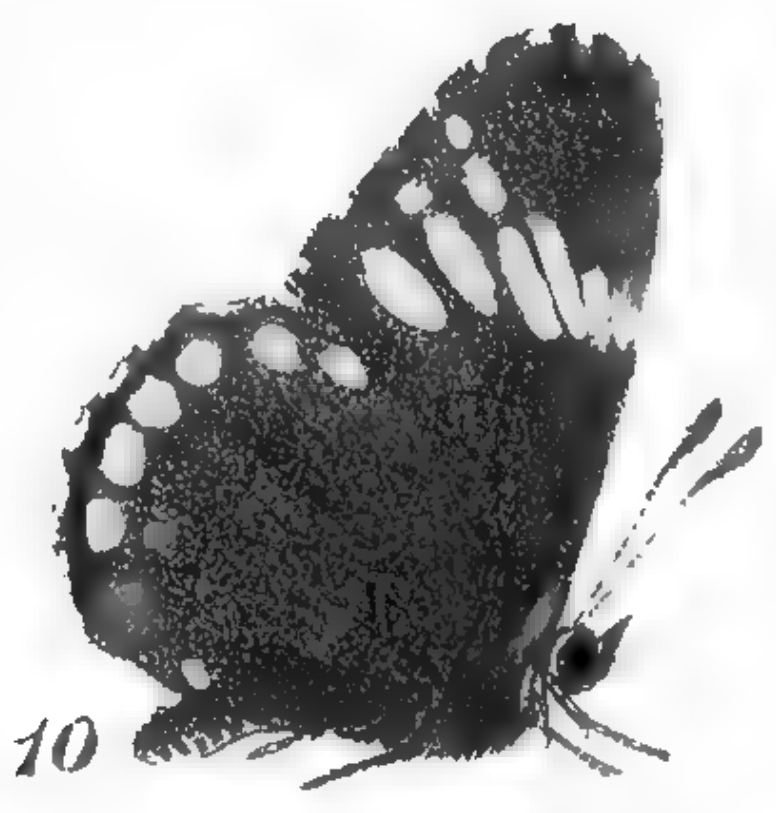
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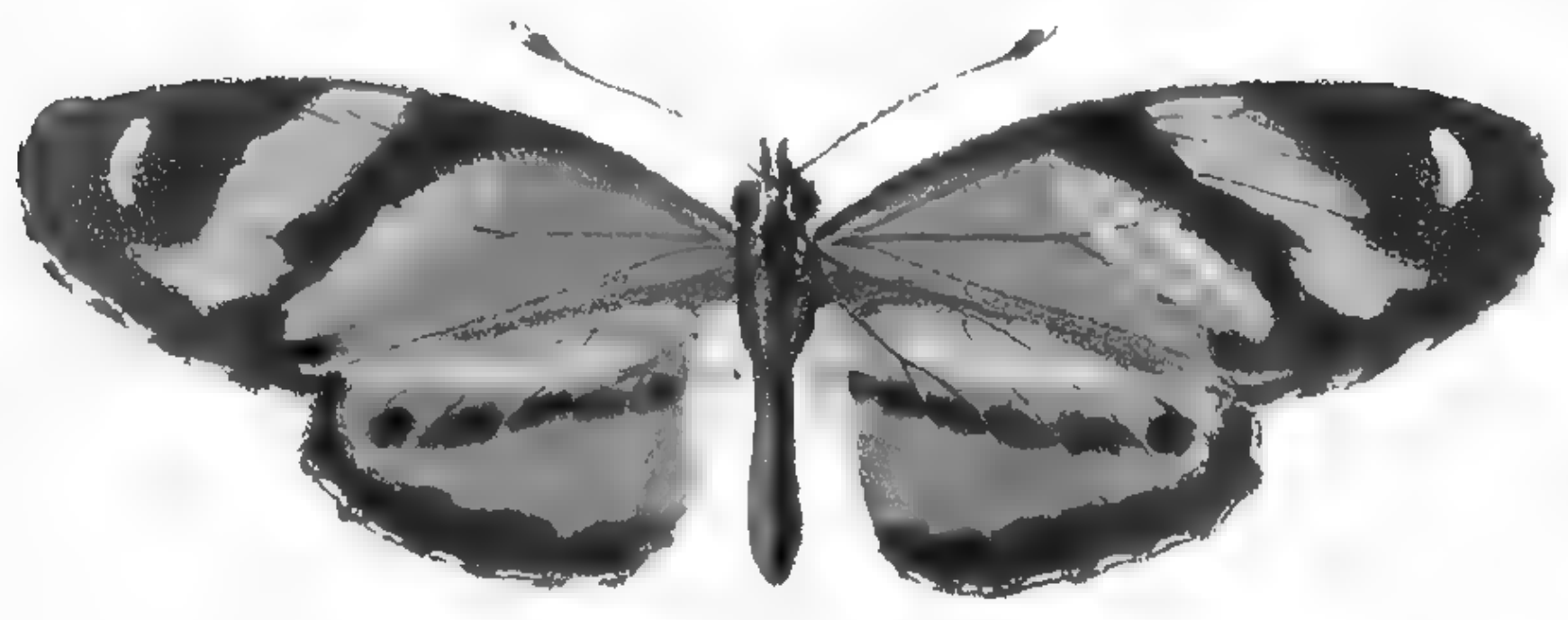
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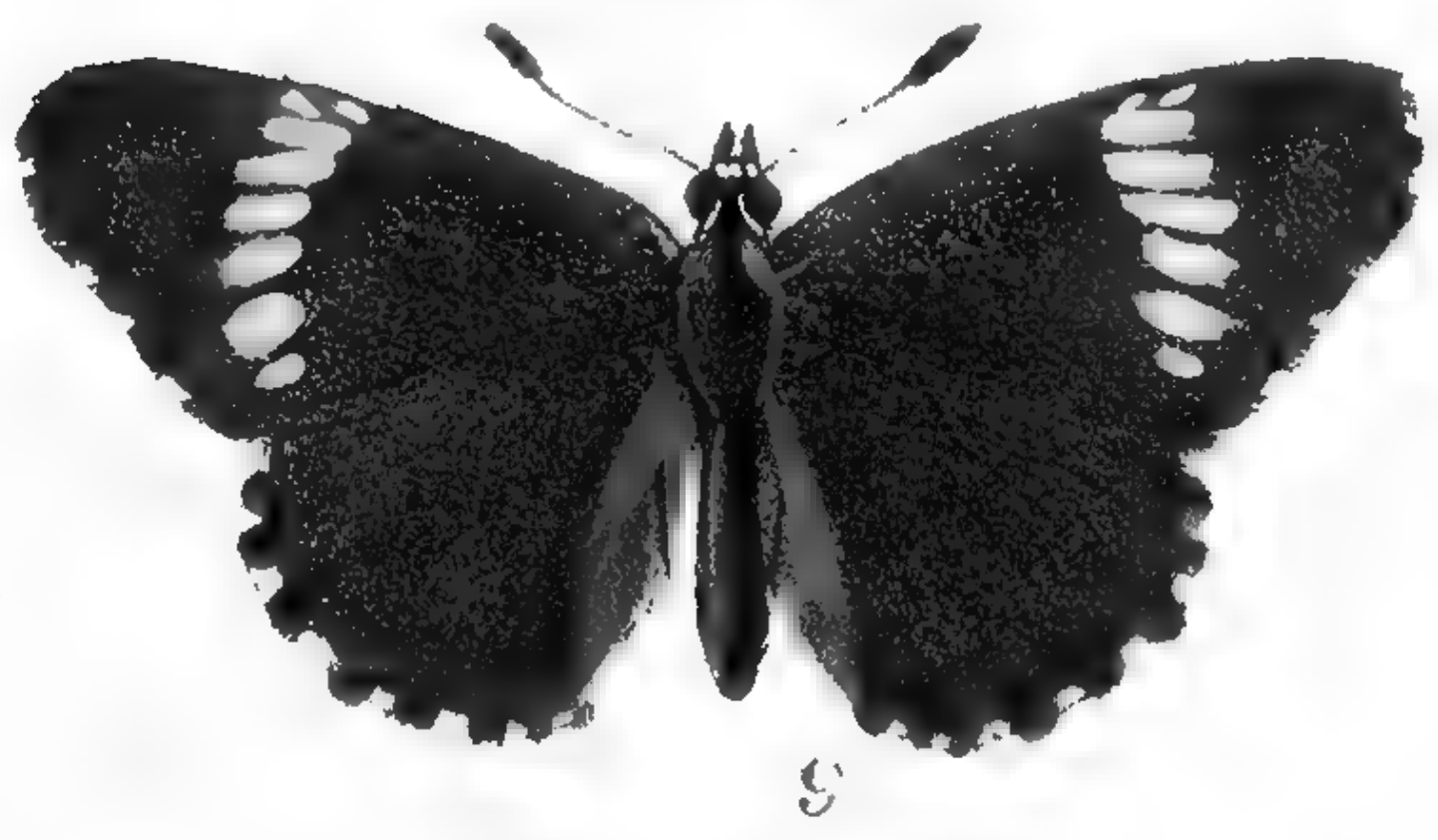
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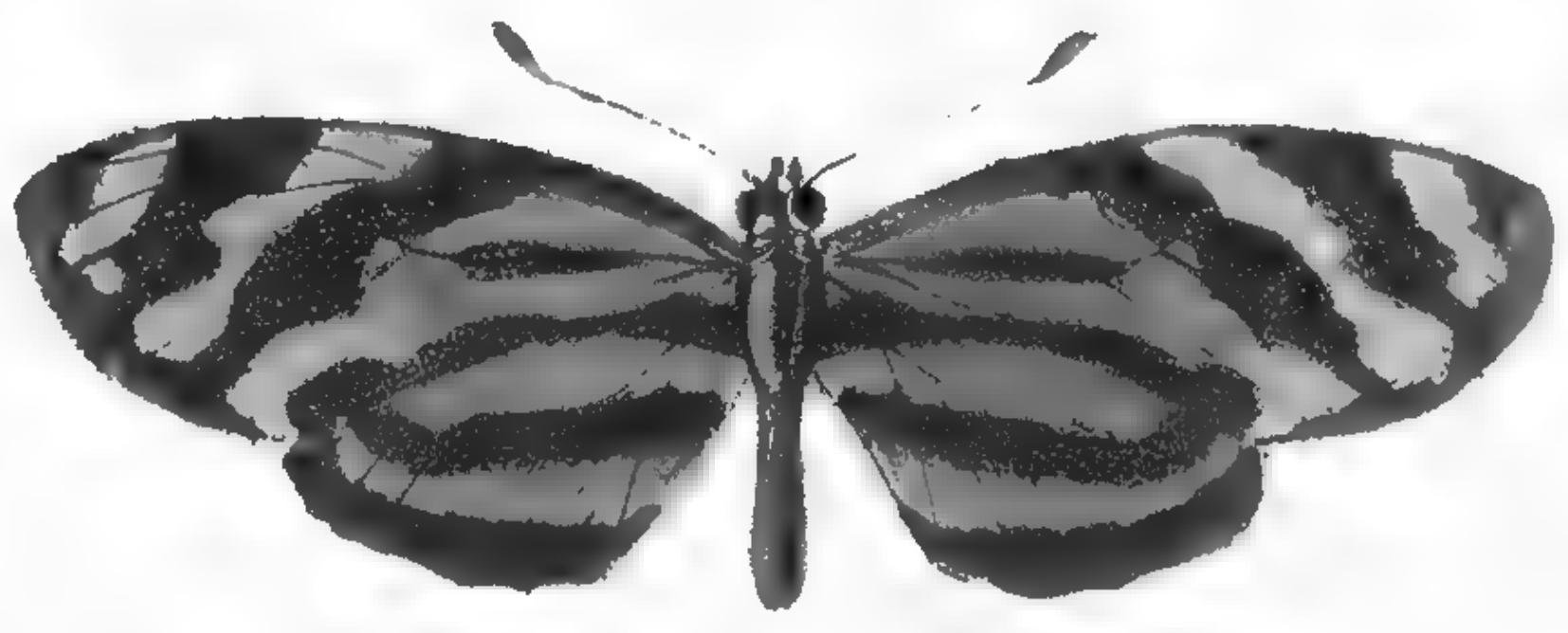
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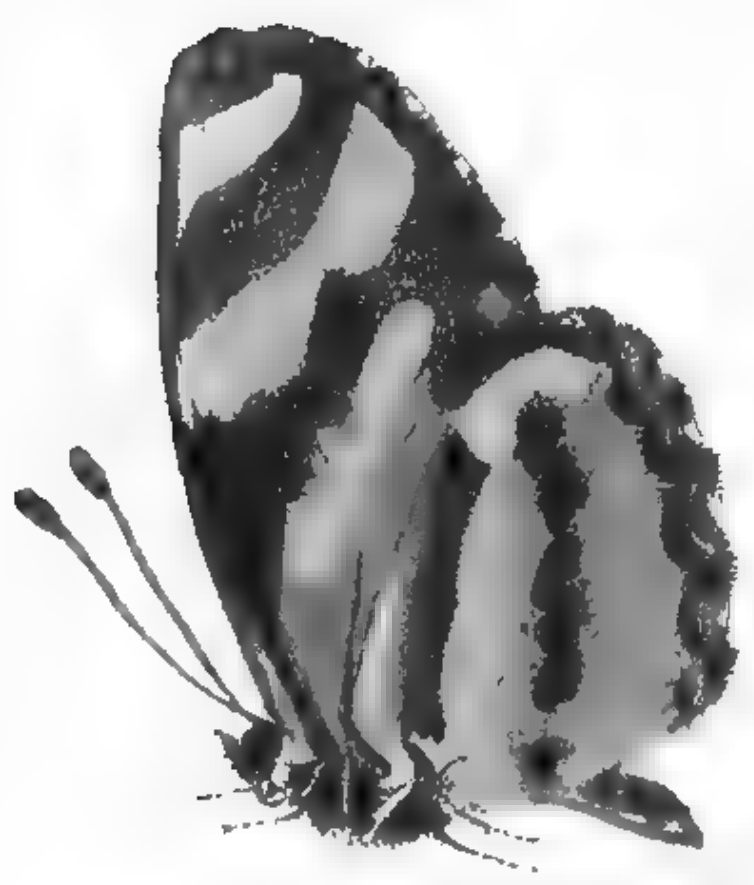
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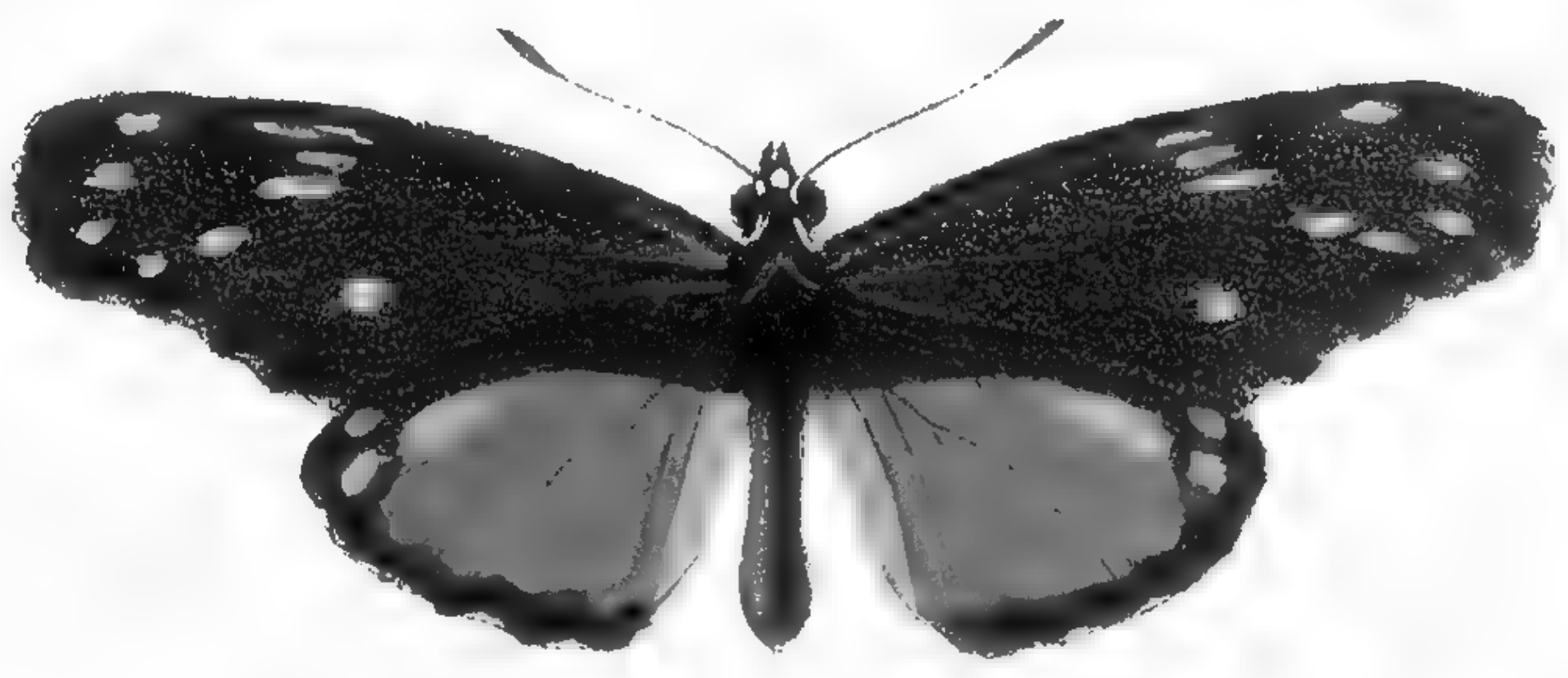
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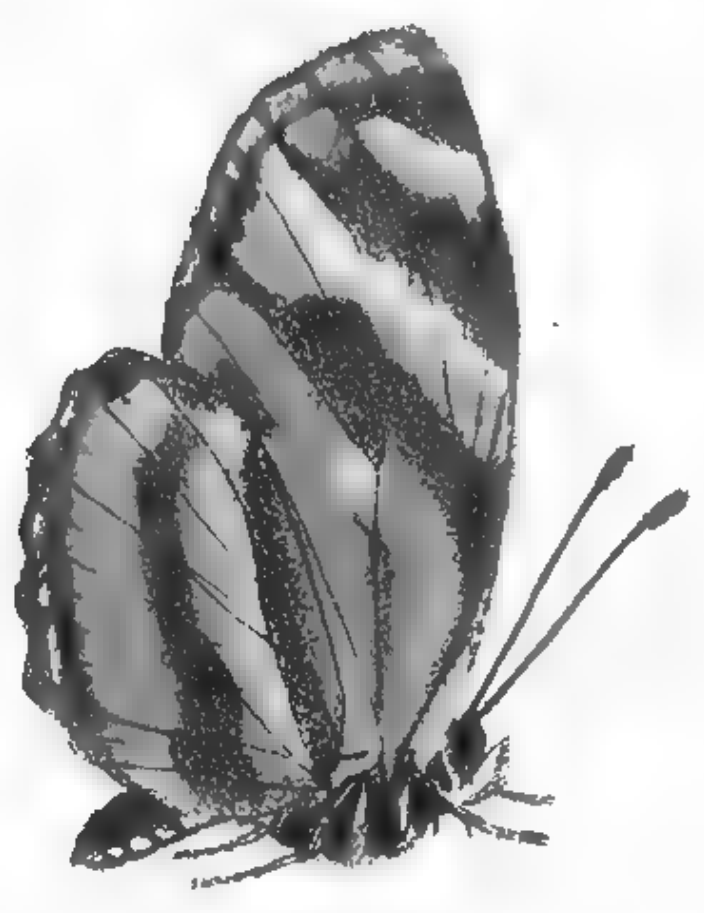
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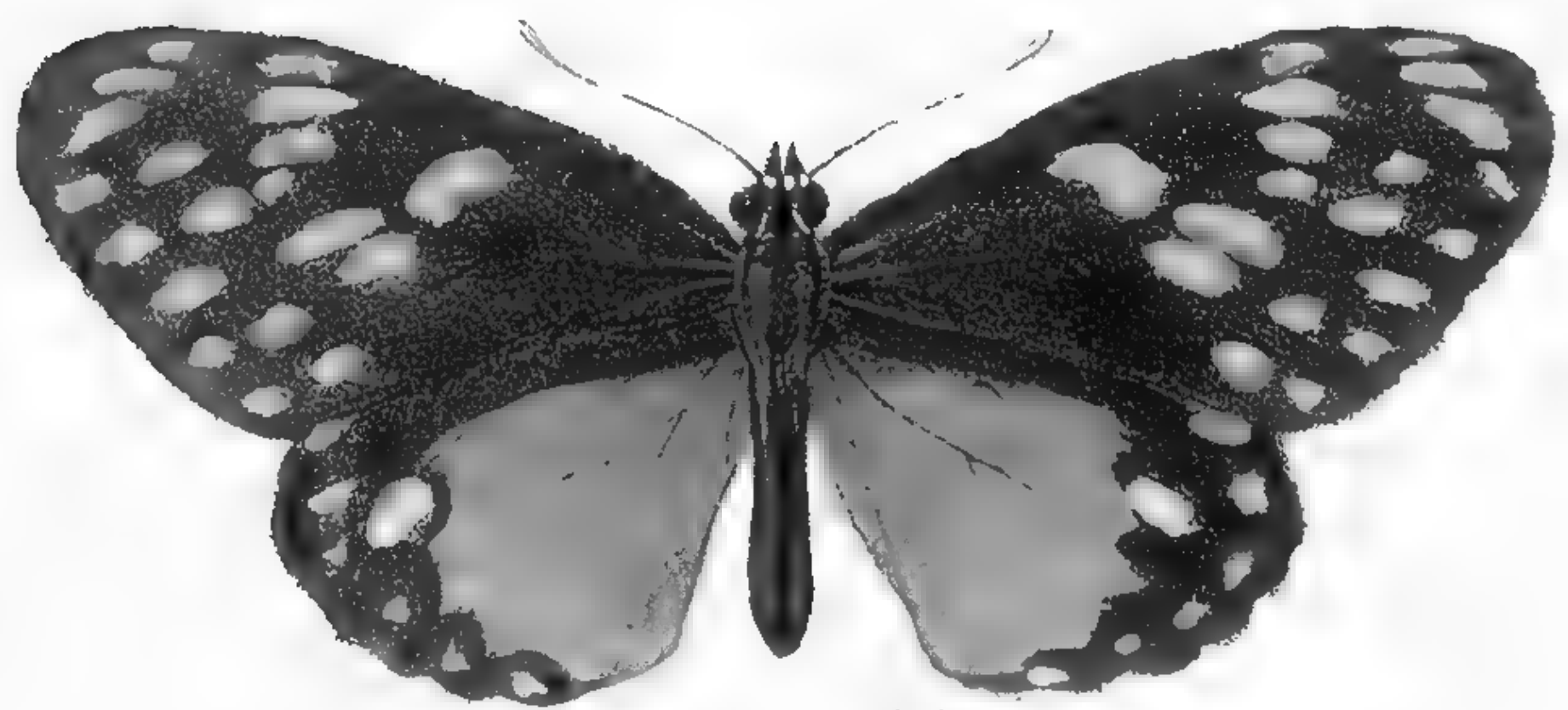
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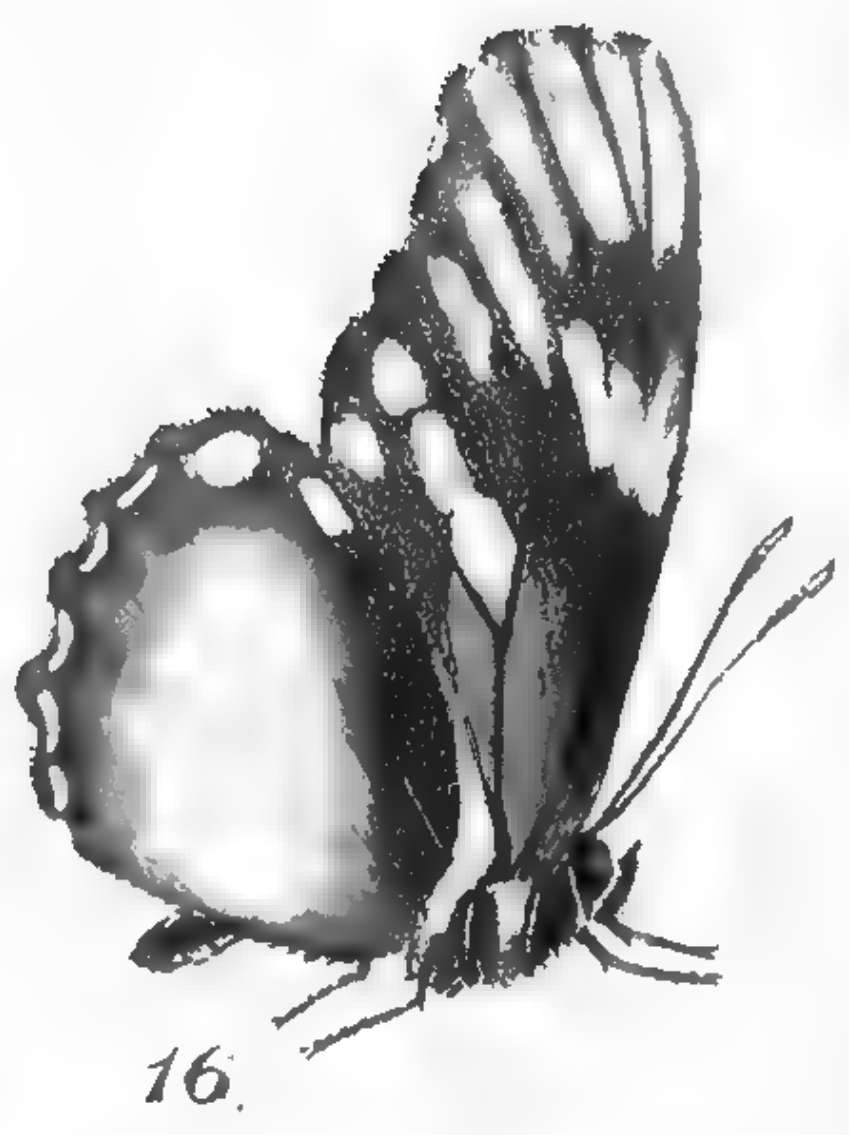
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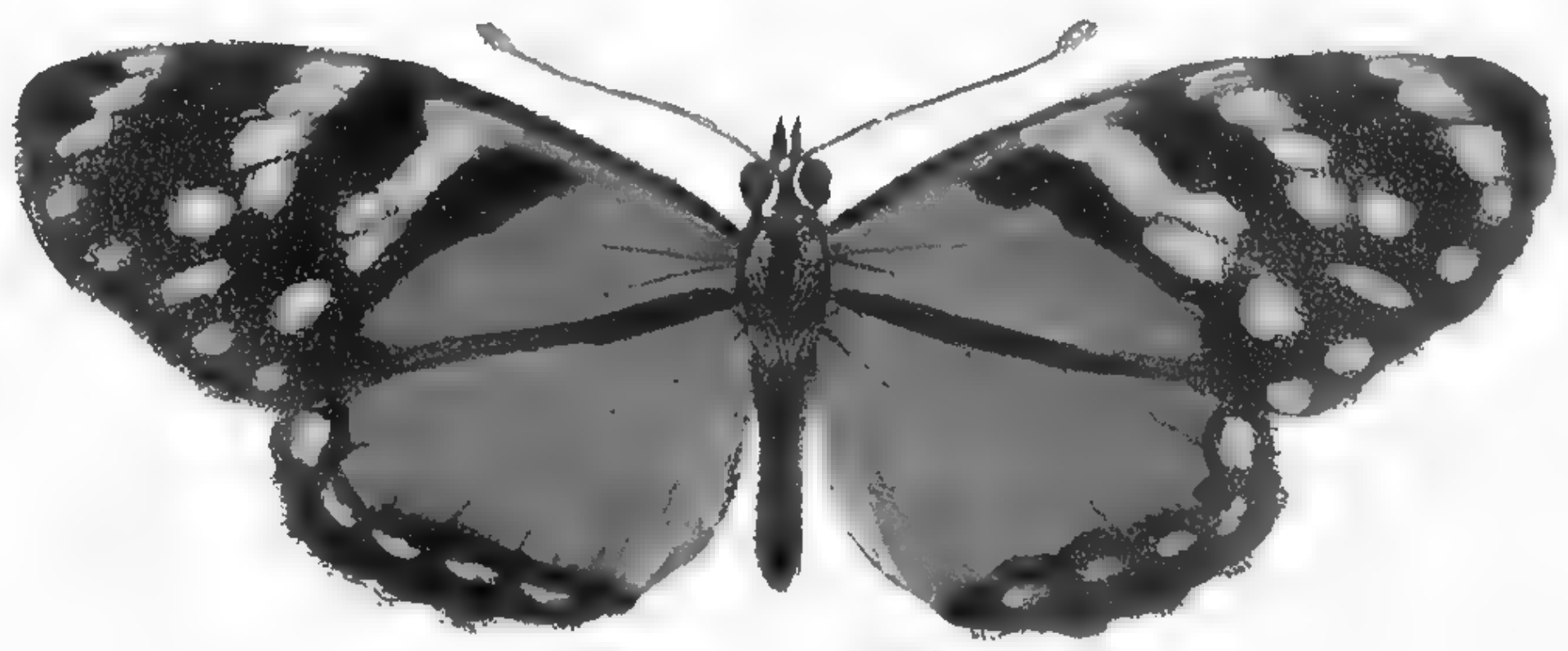
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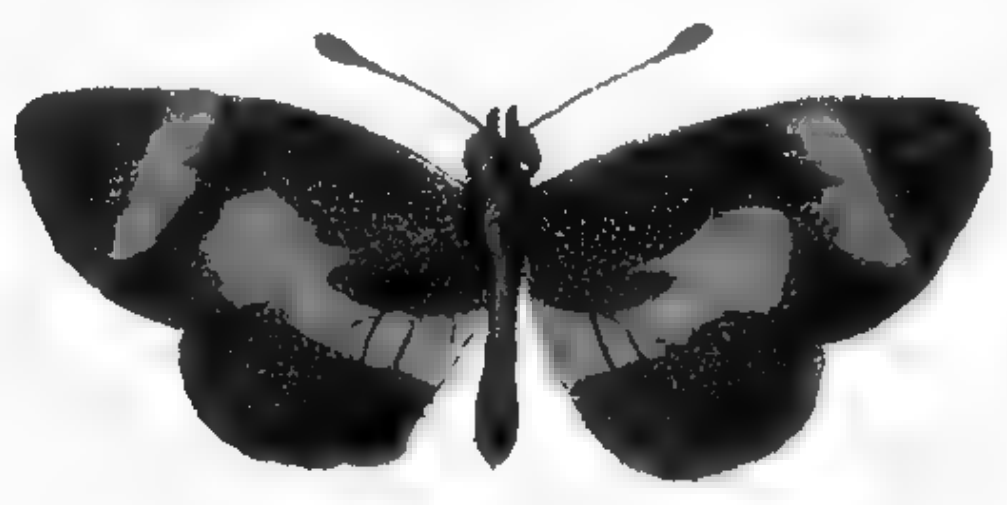
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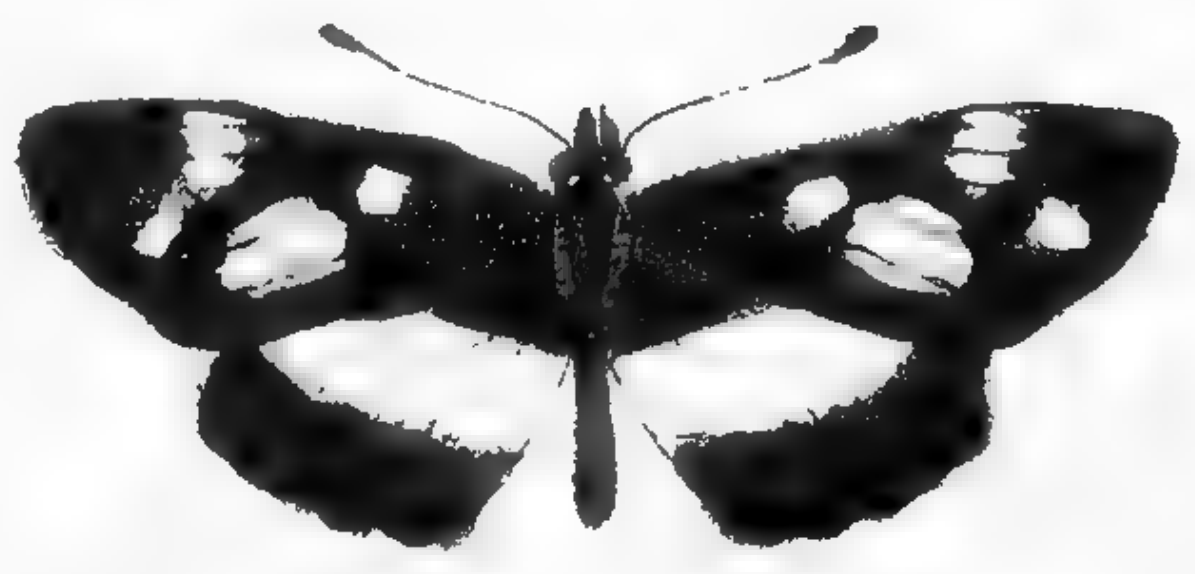
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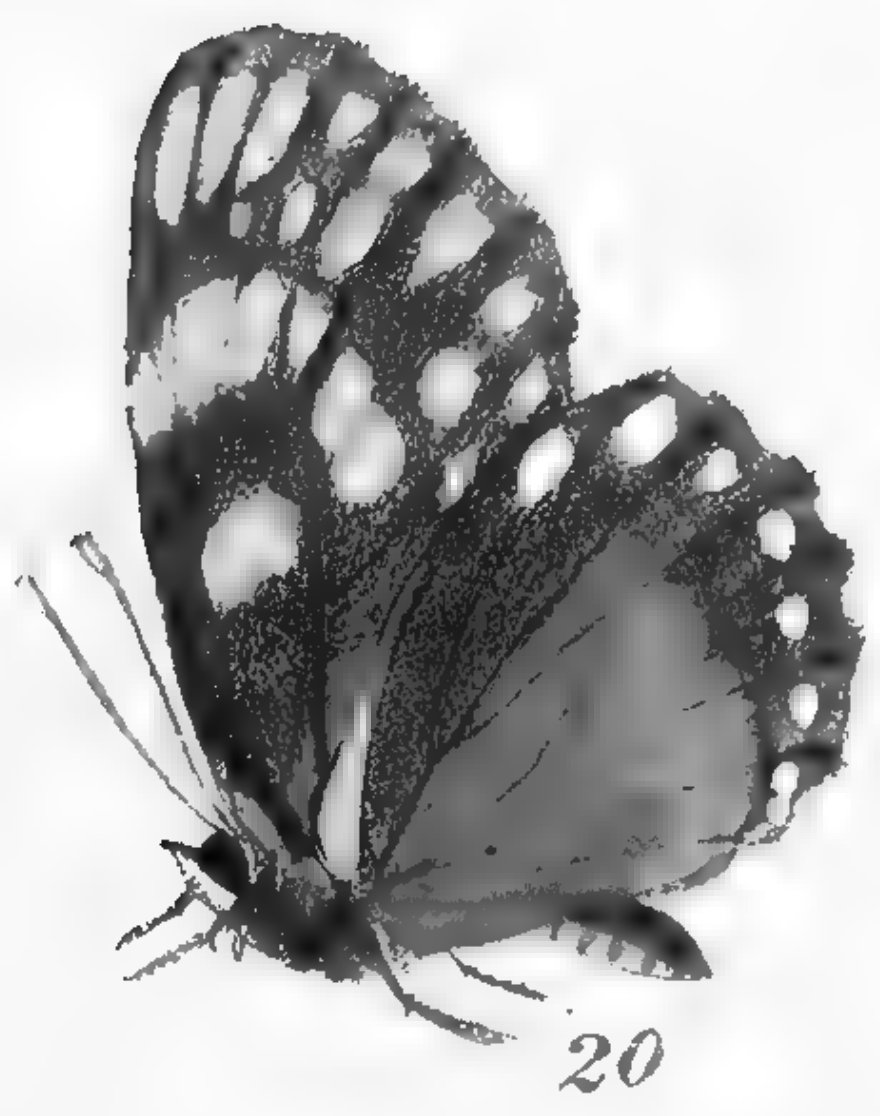
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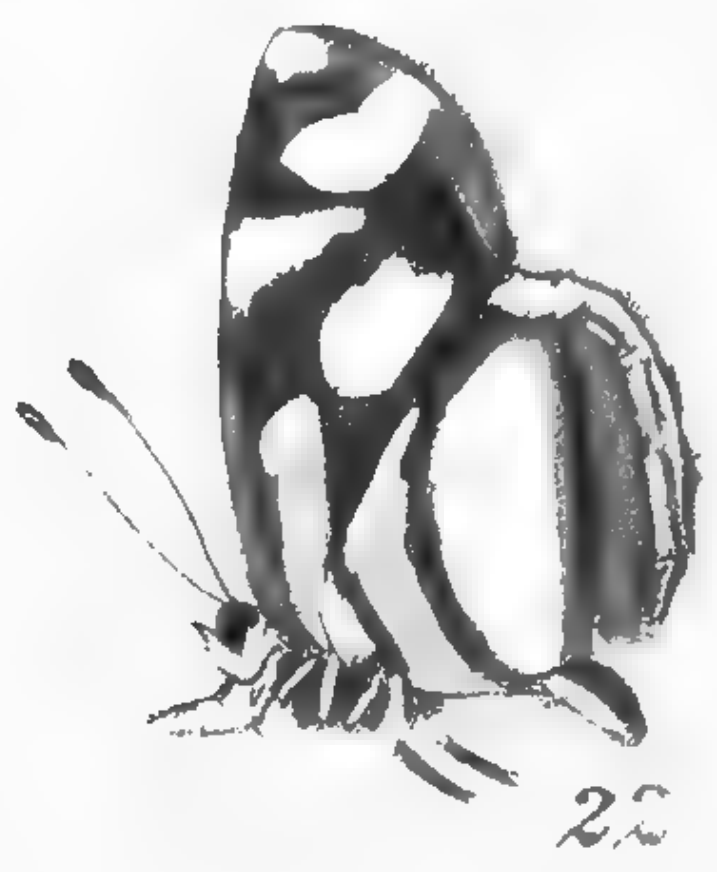
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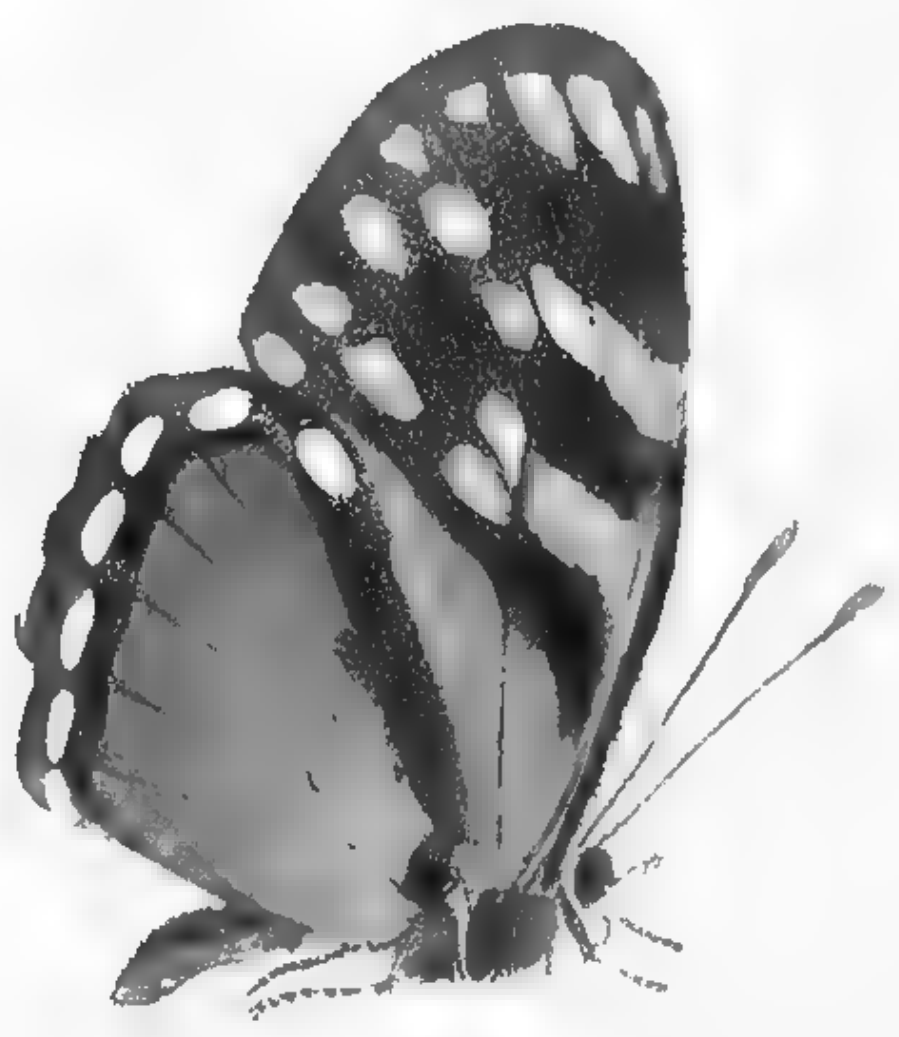
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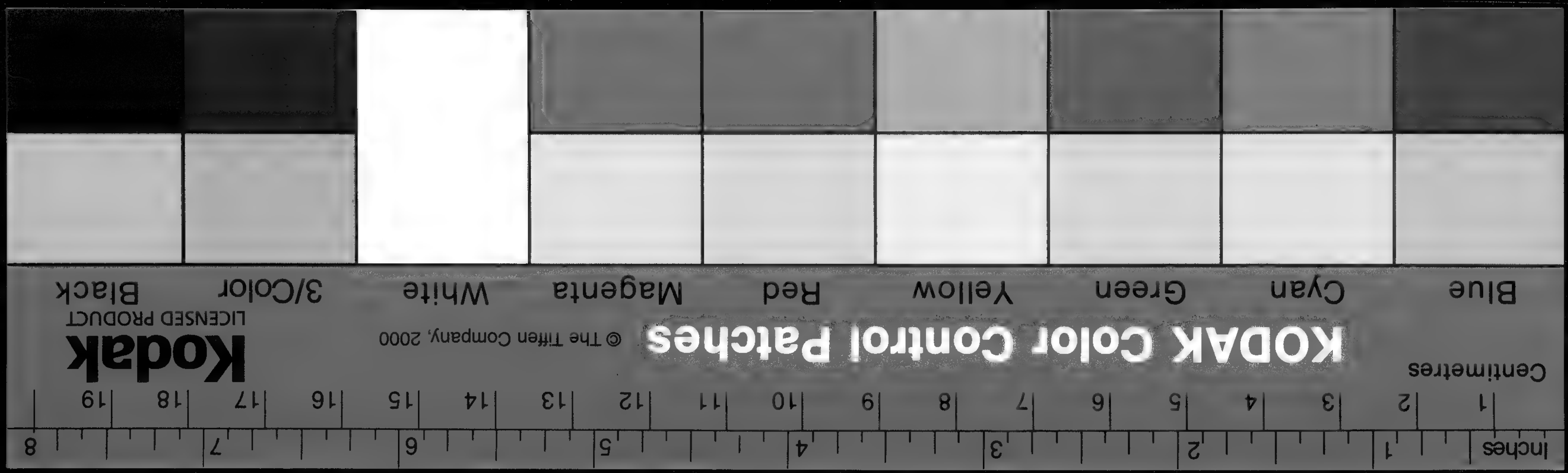
1,2 SYNCHLOE PŒCILE.
3,4 " ERODYLE.
5,6 " GAUDIALIS.
7,8 " ~~NARVA~~. bonplandi
9,10 " MELANARGE.
11,12 ERESIA DRYPETIS.

13,14 ERESIA MECHANITIS.
15,16 " NIGRIPENNIS.
17,18 " DISMORPHINA.
19,20 " PŒCILINA.
21♂,22♀ " CLARA.
23 MICROTIA ELVA.

R.H.F. Rippon del. et lith.

M & N. Hanhart imp.
34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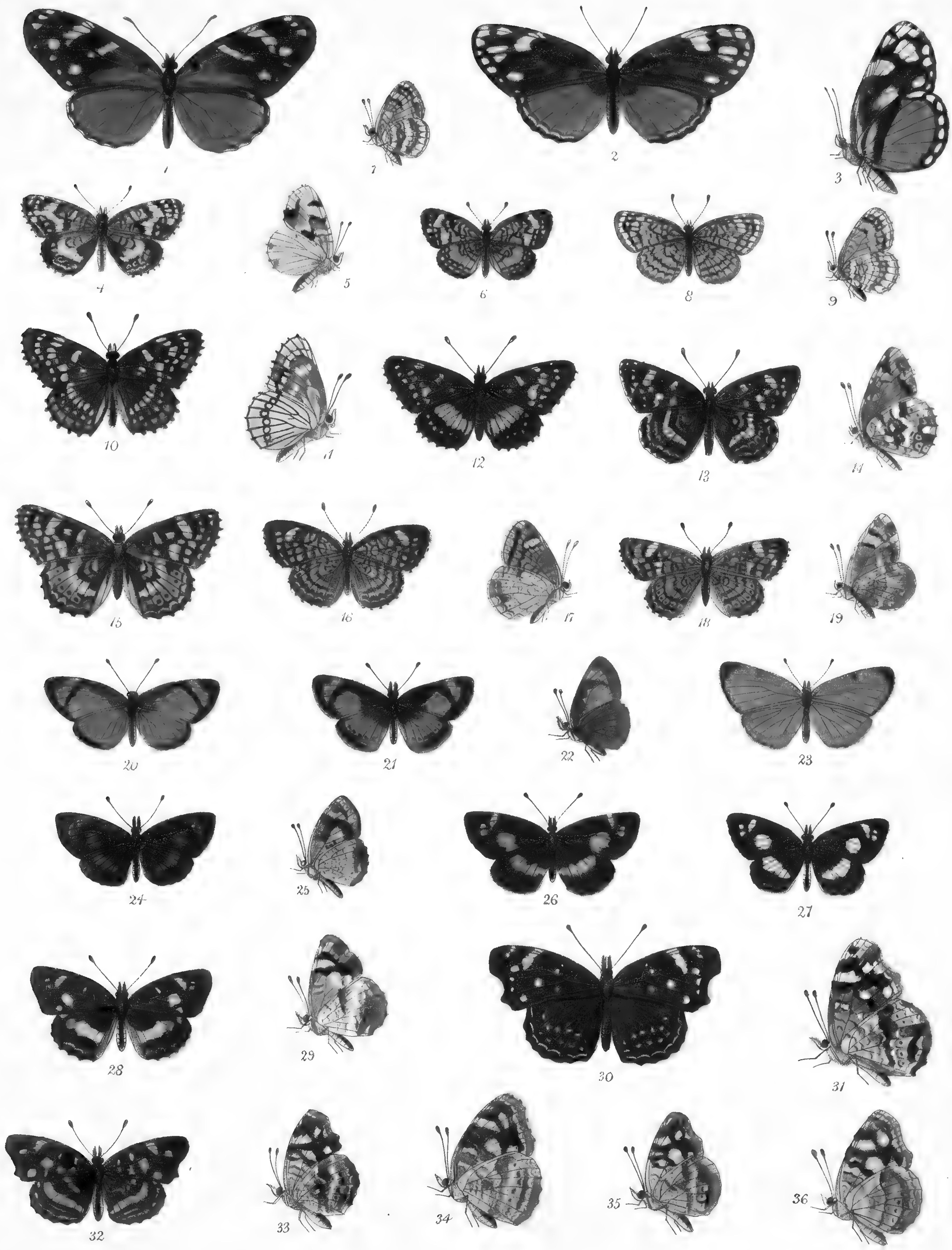
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1	ERESIA	EUTROPIA.
2, 3	„	CŒLA.
4, 5	PHYCIODES	PICTA.
6, 7	„	ELADA.
8, 9	„	IMITATA.
10, 11	„	CYNEAS.
12	PHYCIODES	CYNISCA.
13, 14♂ 15♀	„	THEBAIS.
16, 17	„	BOUCARDI.
18, 19	„	PALLESCENS.
20	„	ANIETA.
21, 22	„	CLUVIA.
23	PHYCIODES	FRAGILIS.
24, 25♂, 26♀	„	NIGRELLA.
27	„	NIVEONOTIS.
28, 29	„	POLTIS.
30, 31	„	SITALCES.
32, 33, 34, 35, 36	„	PTOLYCA *et vars.*

W. Purkiss lith.
Hanhart imp
307.

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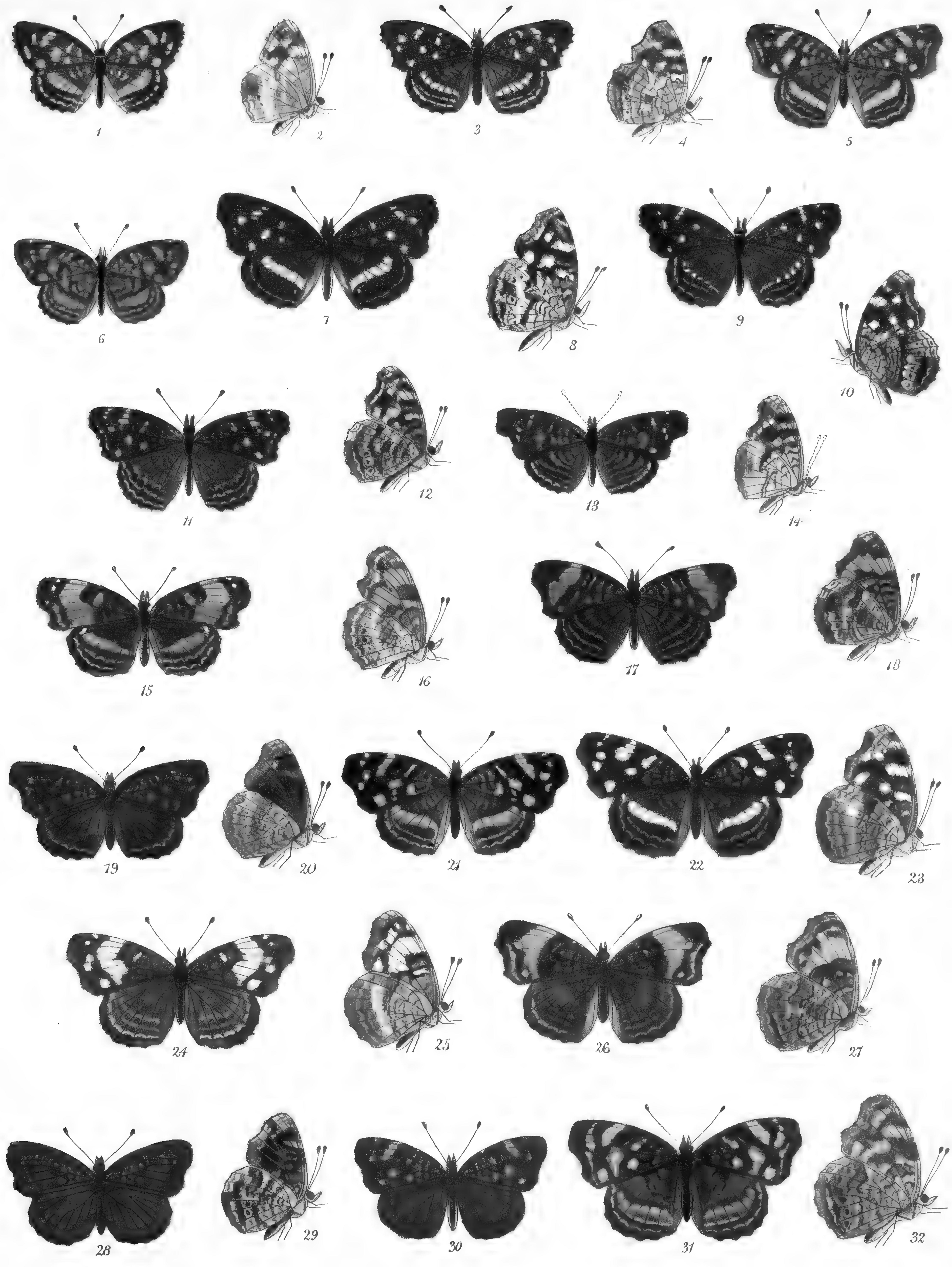
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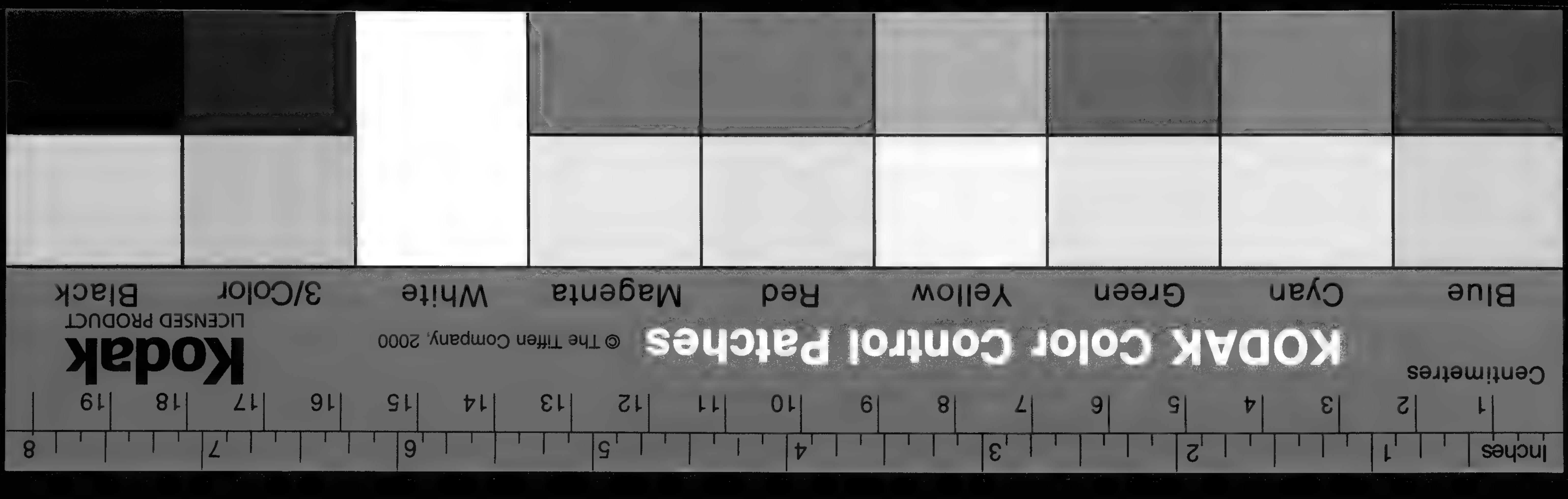
1, 2 PHYCIODES TULCIS.
3, 4♂, 5♀ " ARDYS.
6 " FRISIA.
7, 8 " SUBOTA.
9, 10 " DRYMÆA.

11, 12 PHYCIODES. SOSIS.
13, 14 " NEBULOSA.
15, 16 " FULGORA.
17, 18 " CRITHONA.
19, 20♂, 21♀ " ATRONIA.

22, 23♀ PHYCIODES CASSIOPEA.
24, 25♀ " DIALLUS.
26, 27♀ " FULVIPLAGA.
28, 29♂ " OTANES.
30♂, 31, 32♀ " SOPOLIS.

W. Purkiss lith.   Hanhart imp
308.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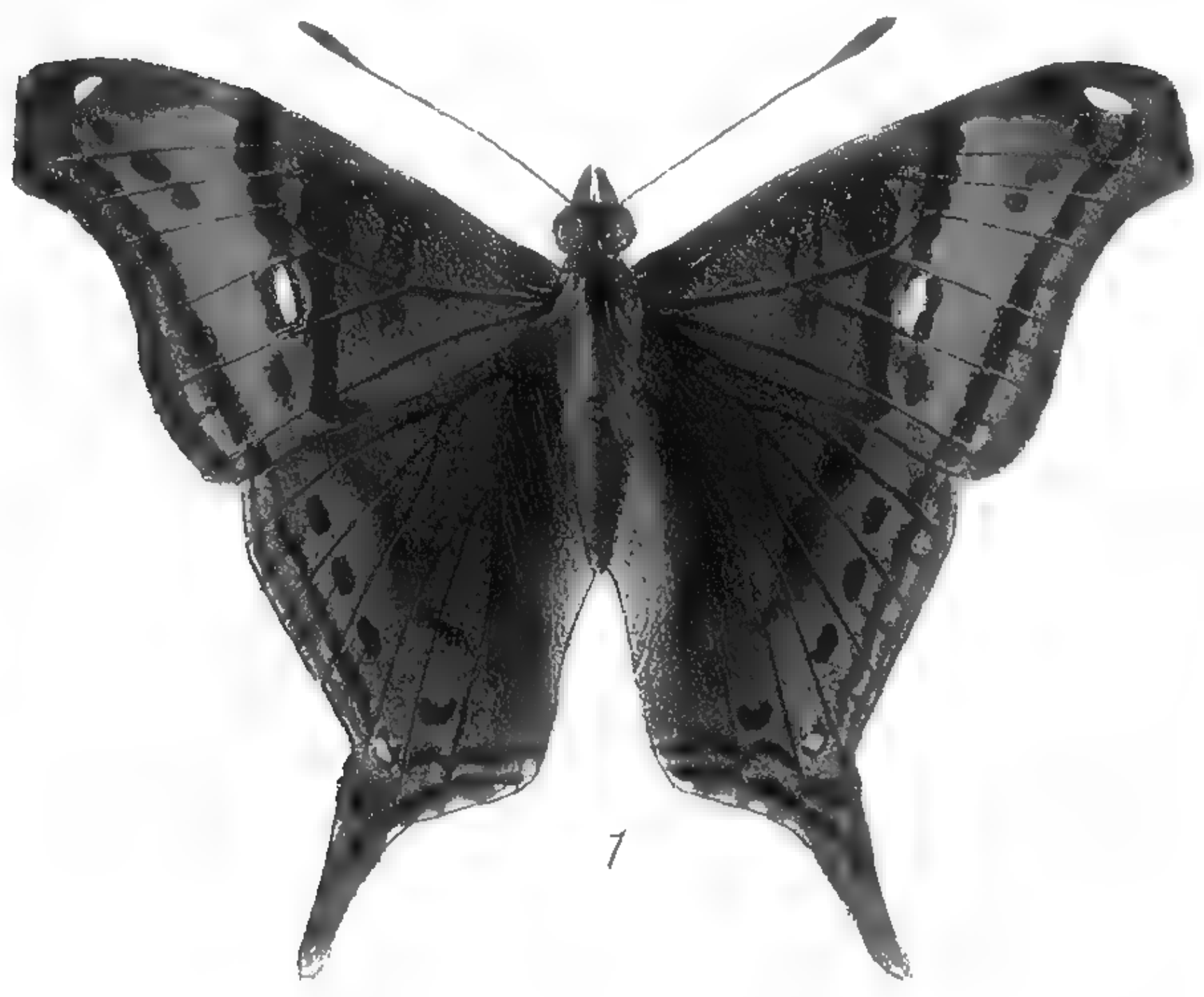
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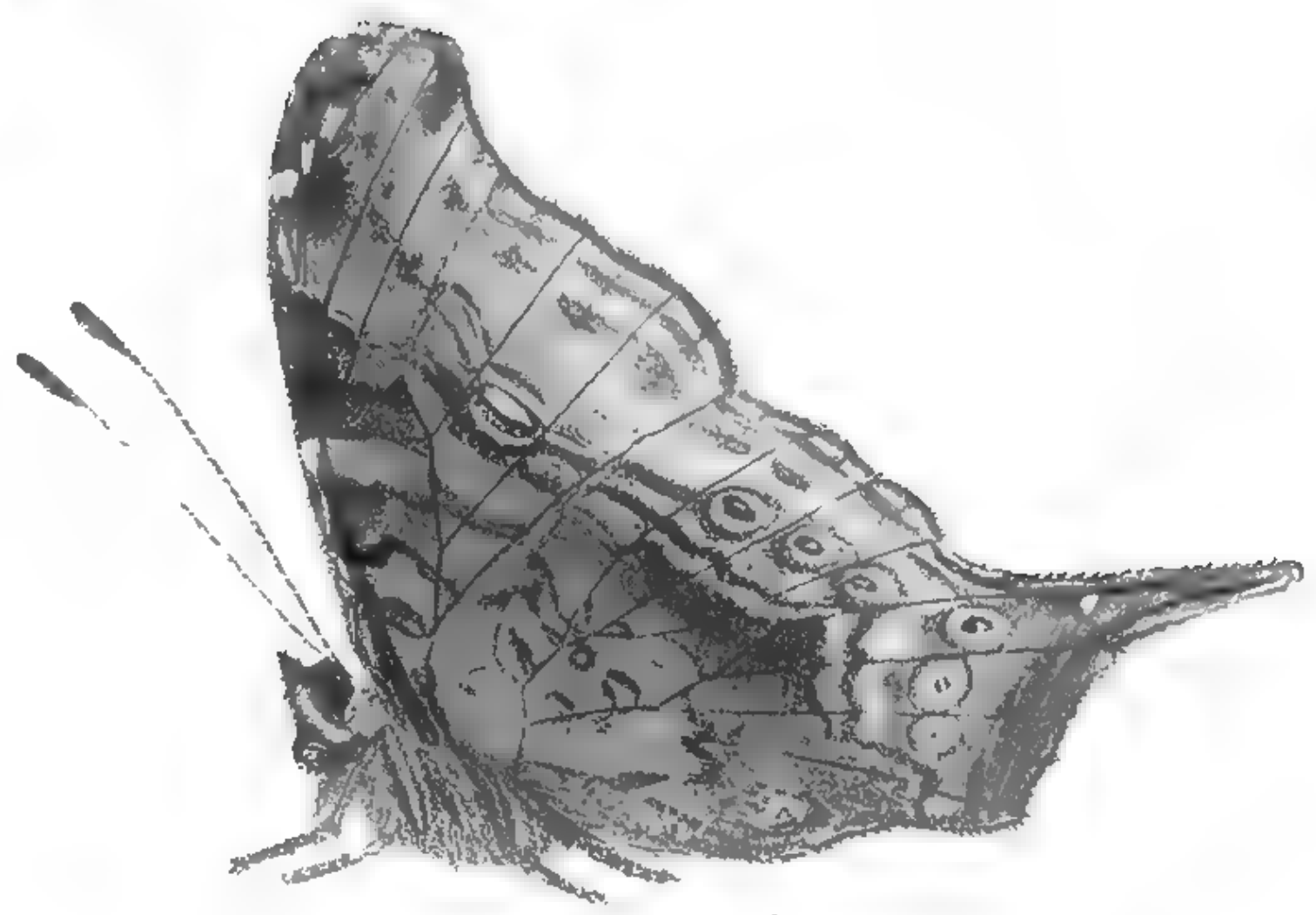
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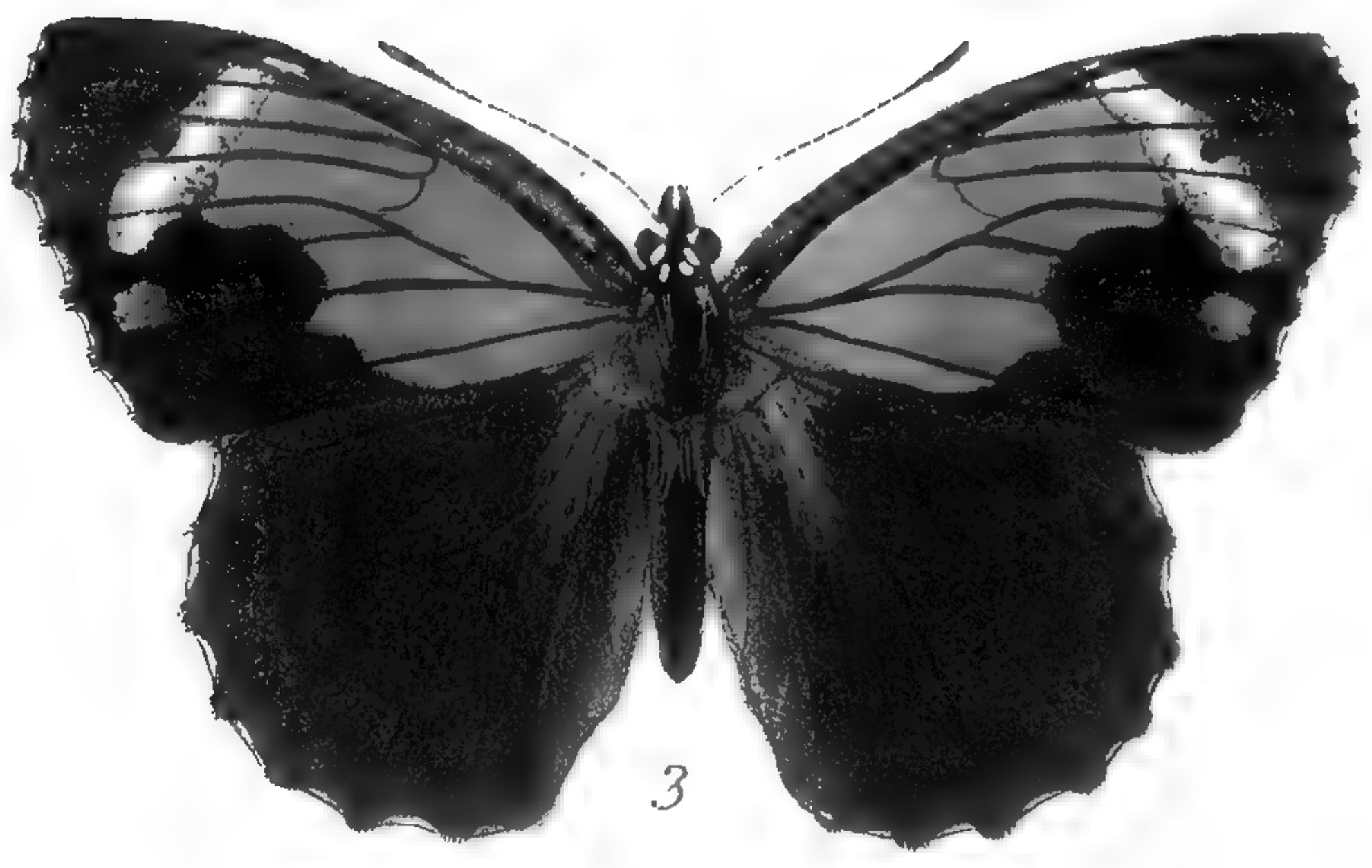
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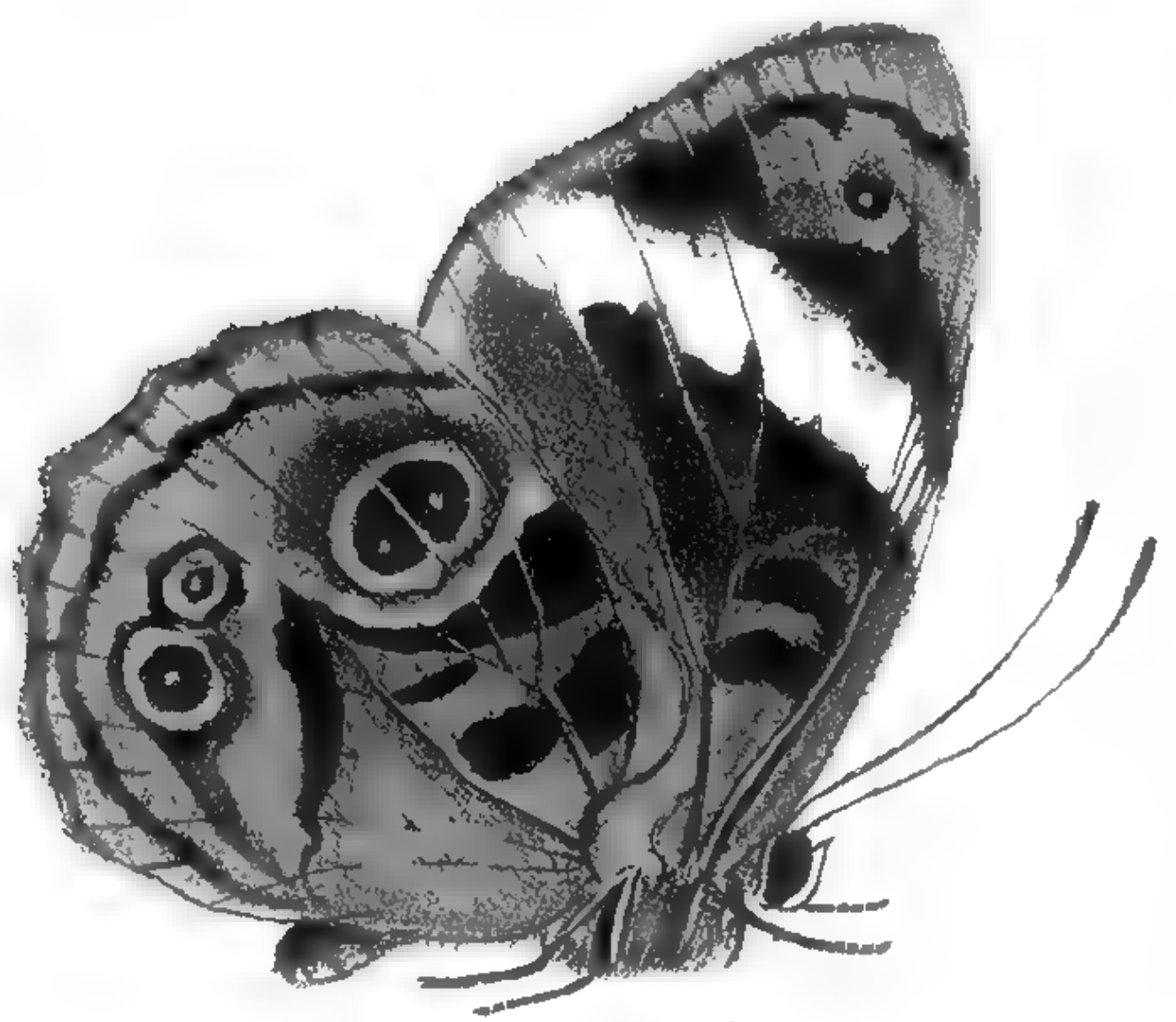
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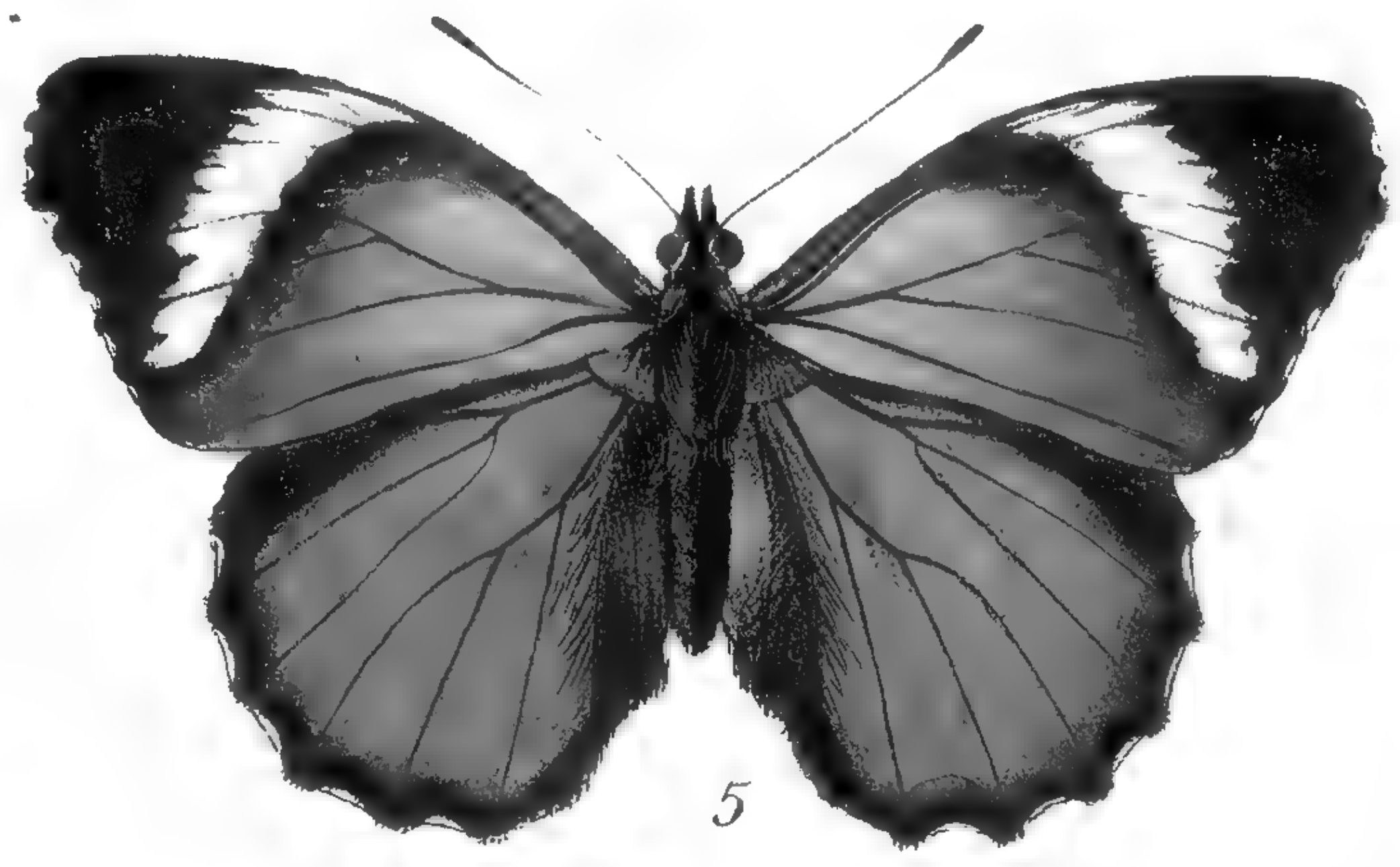
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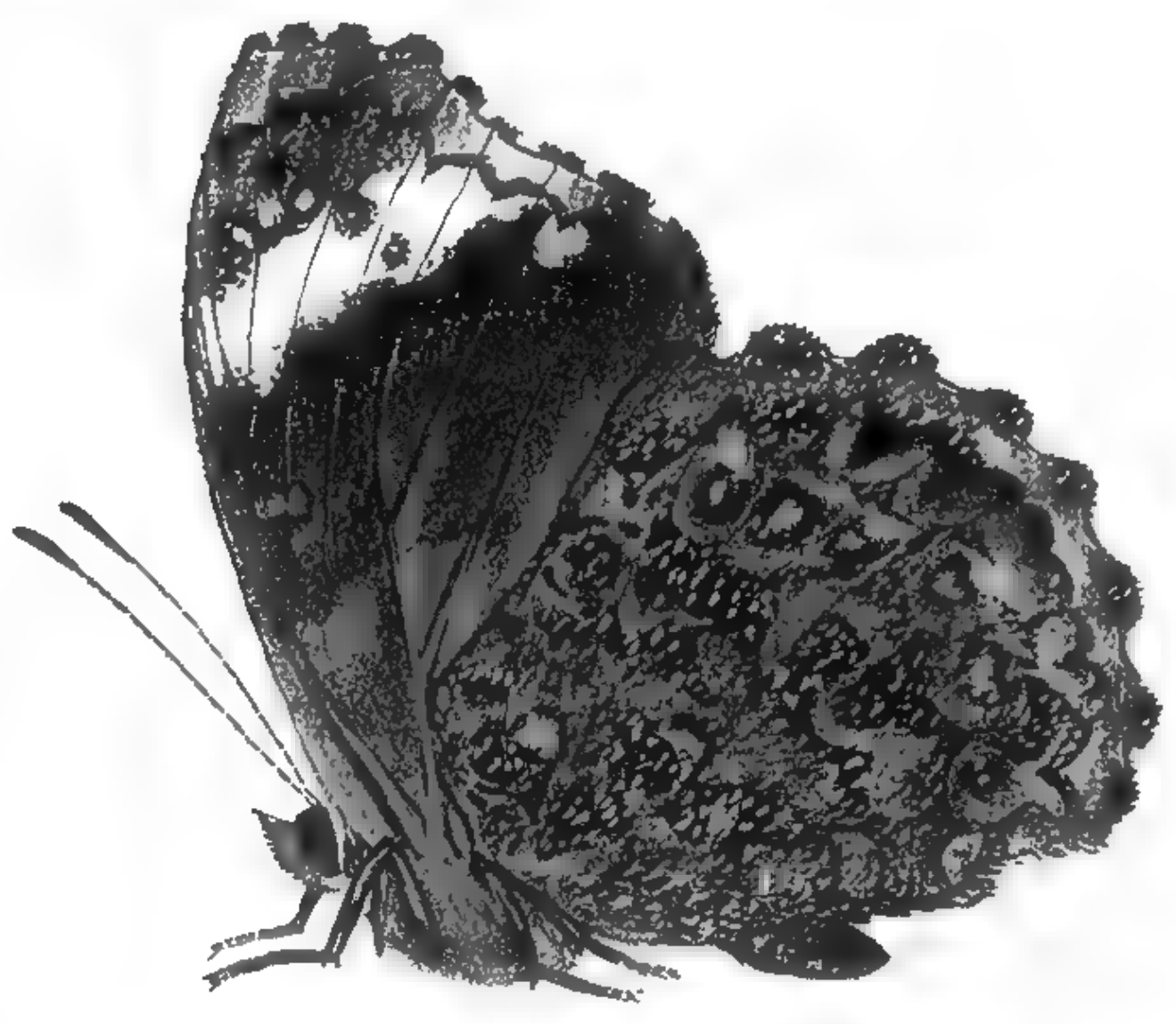
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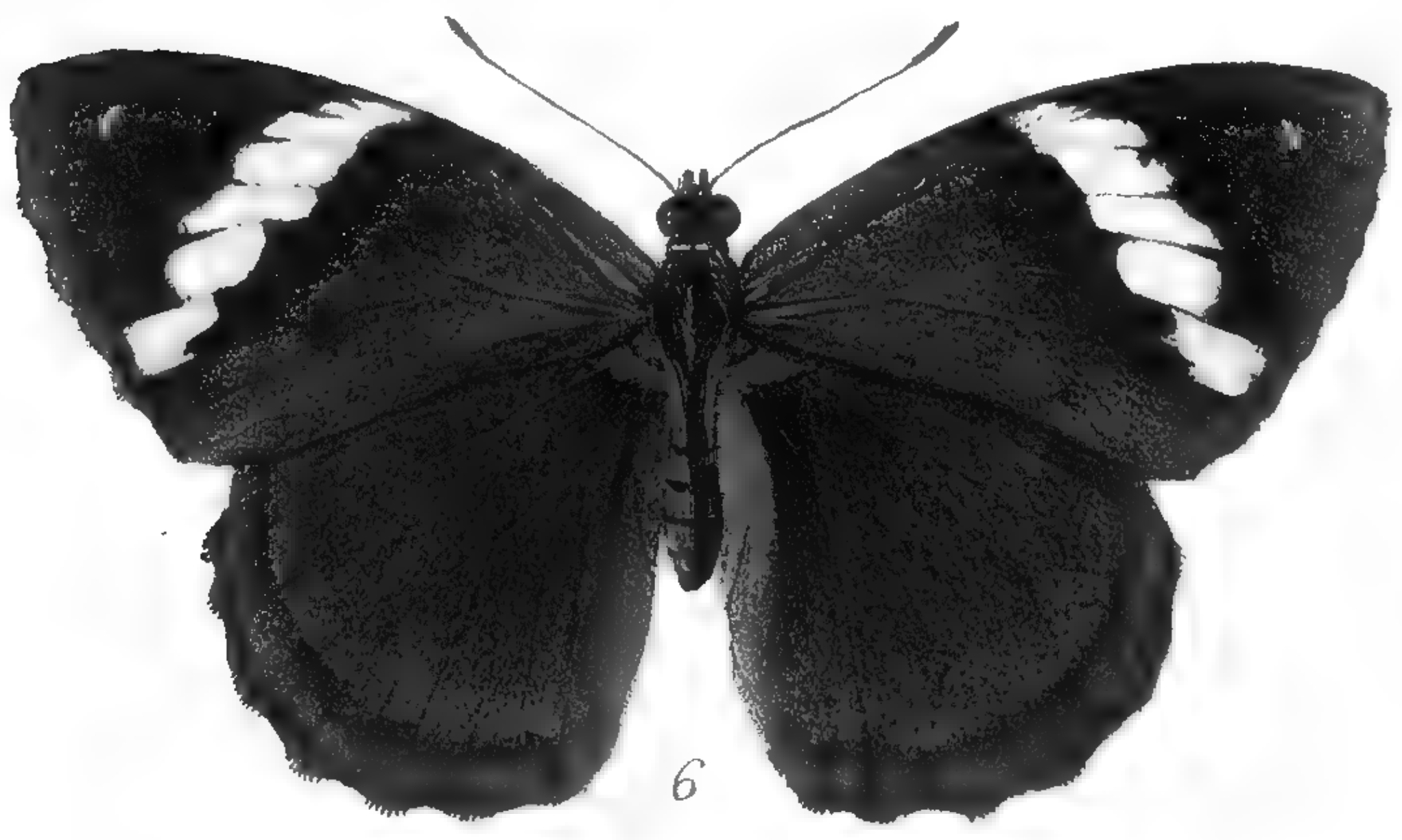
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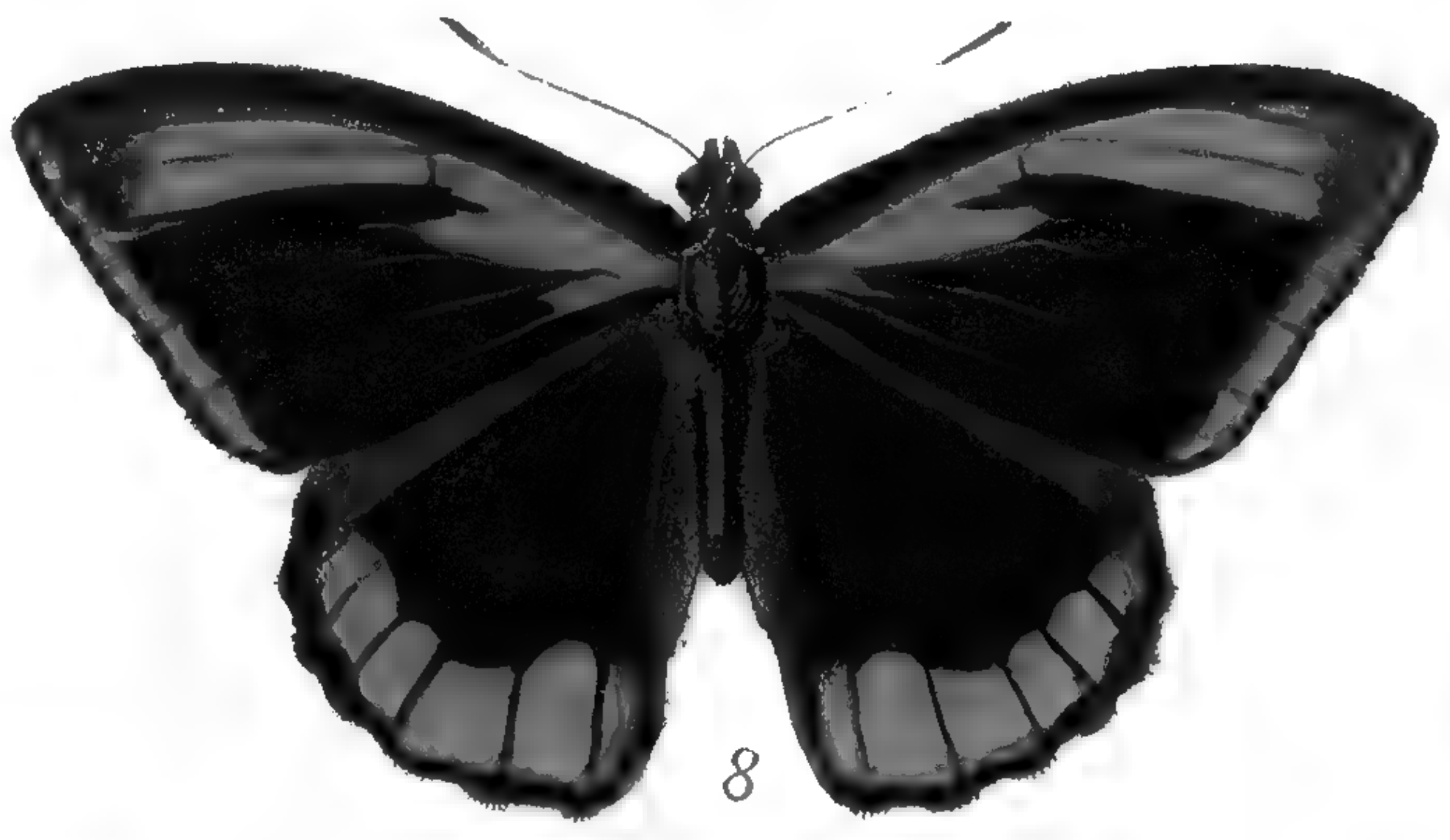
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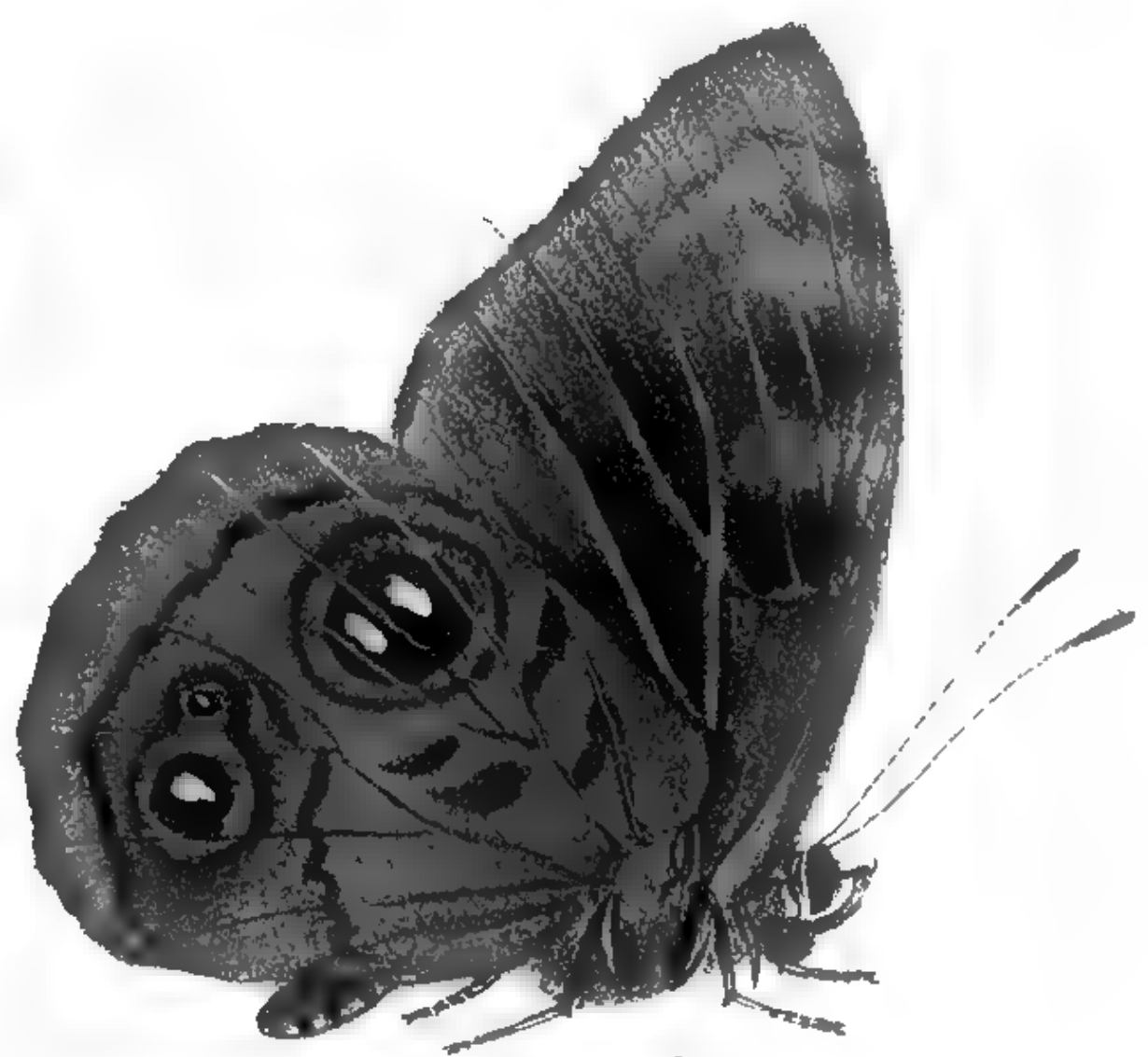
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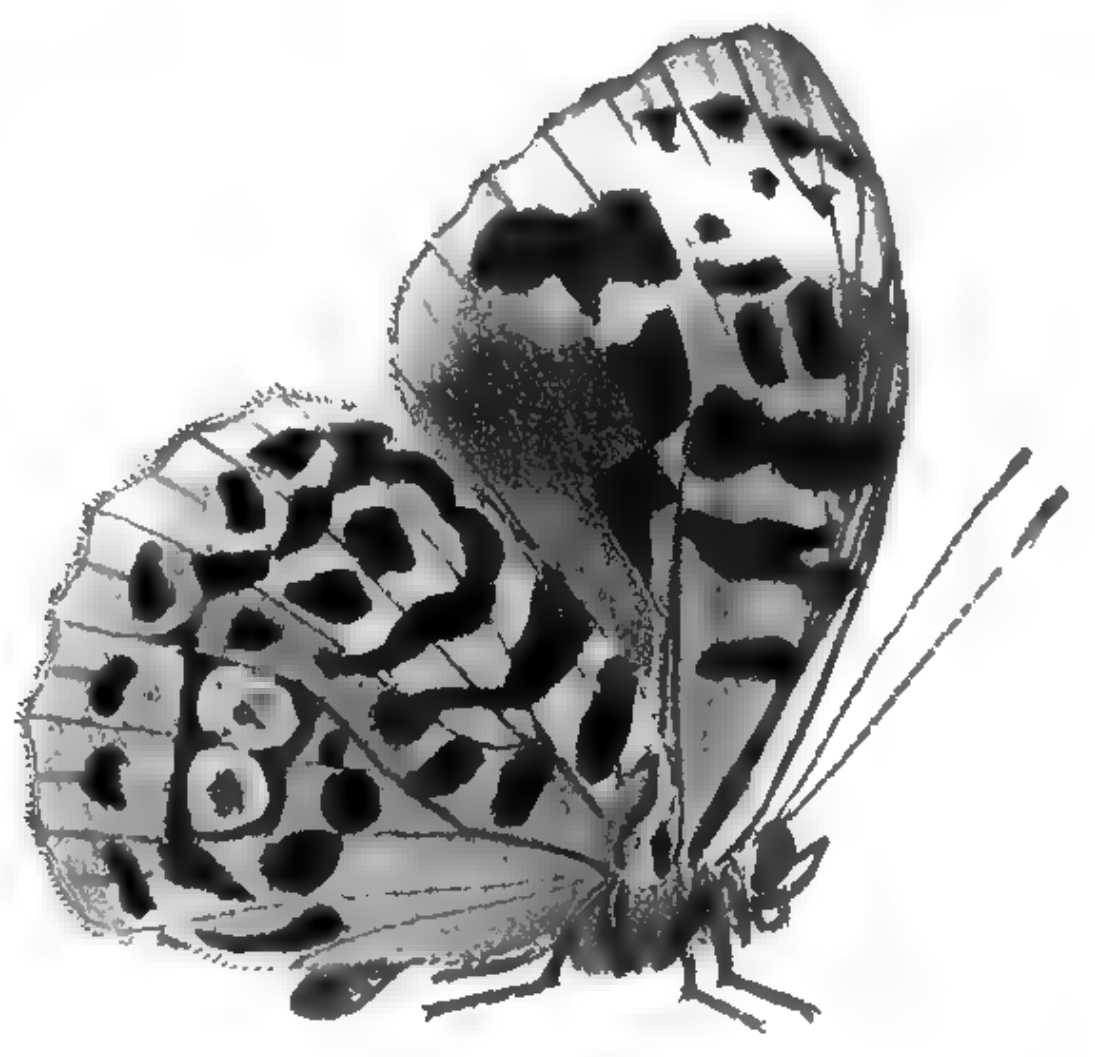
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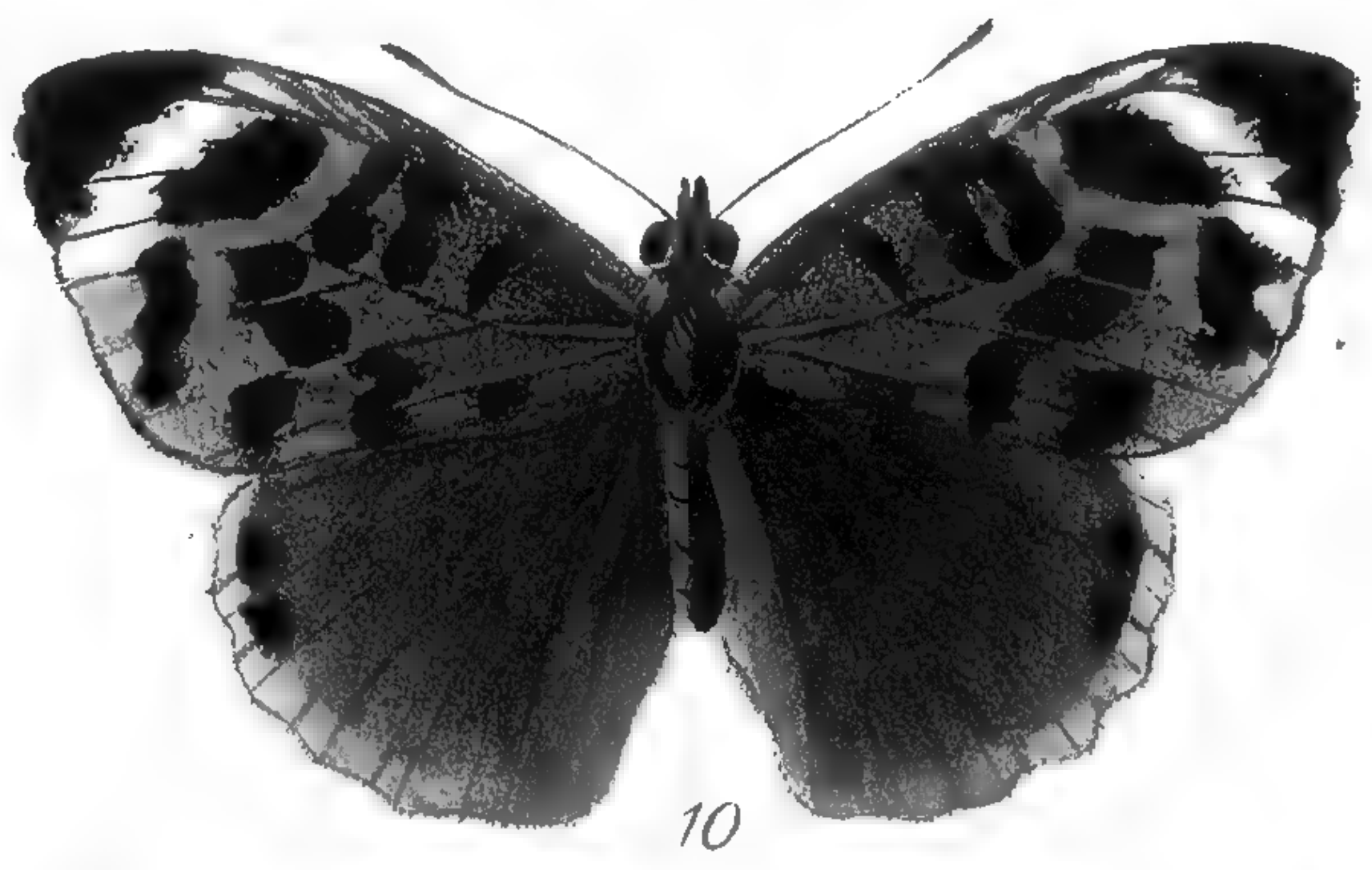
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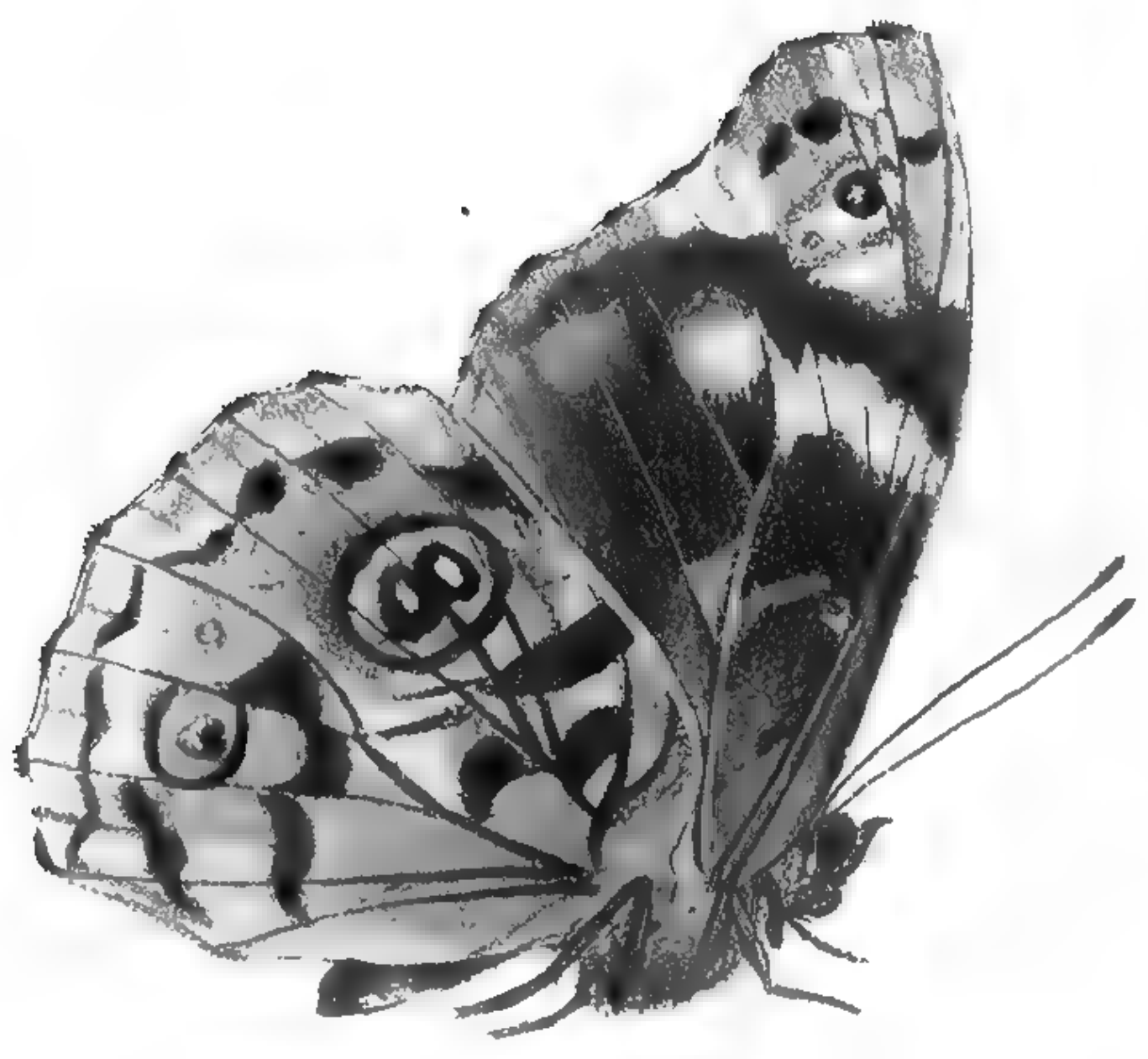
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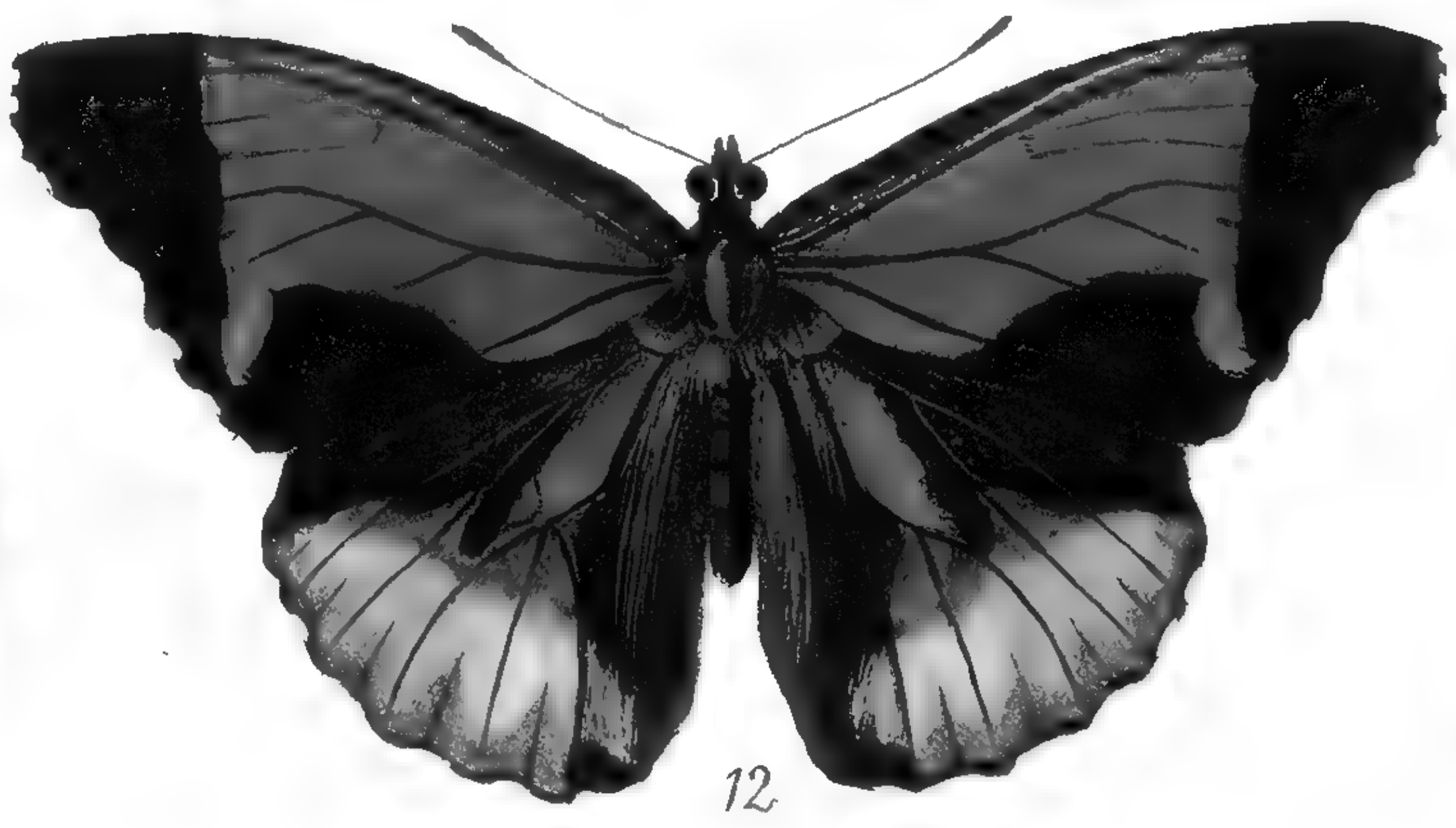
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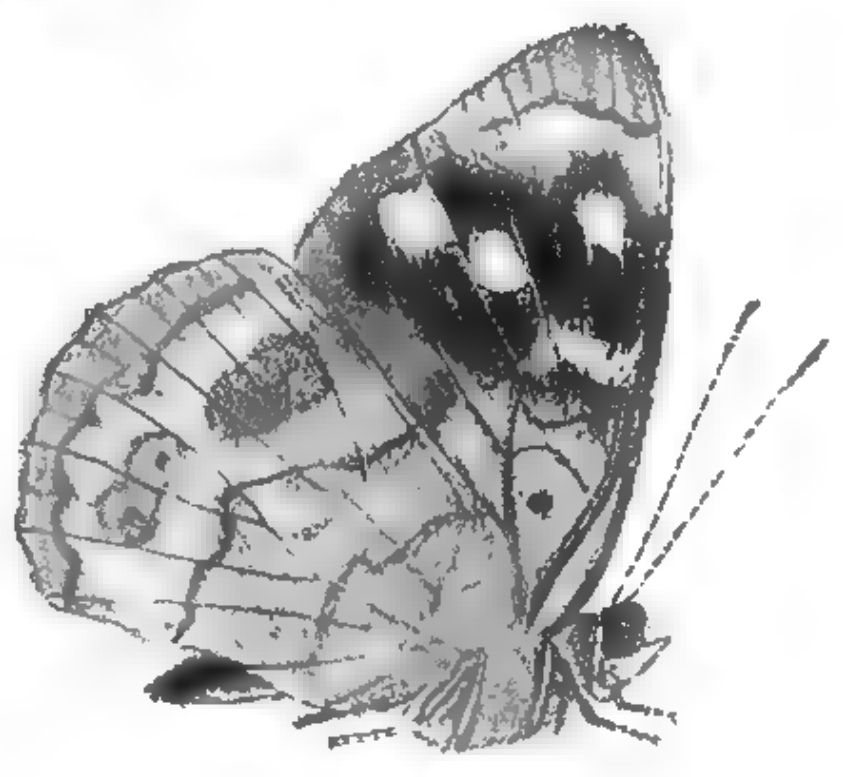
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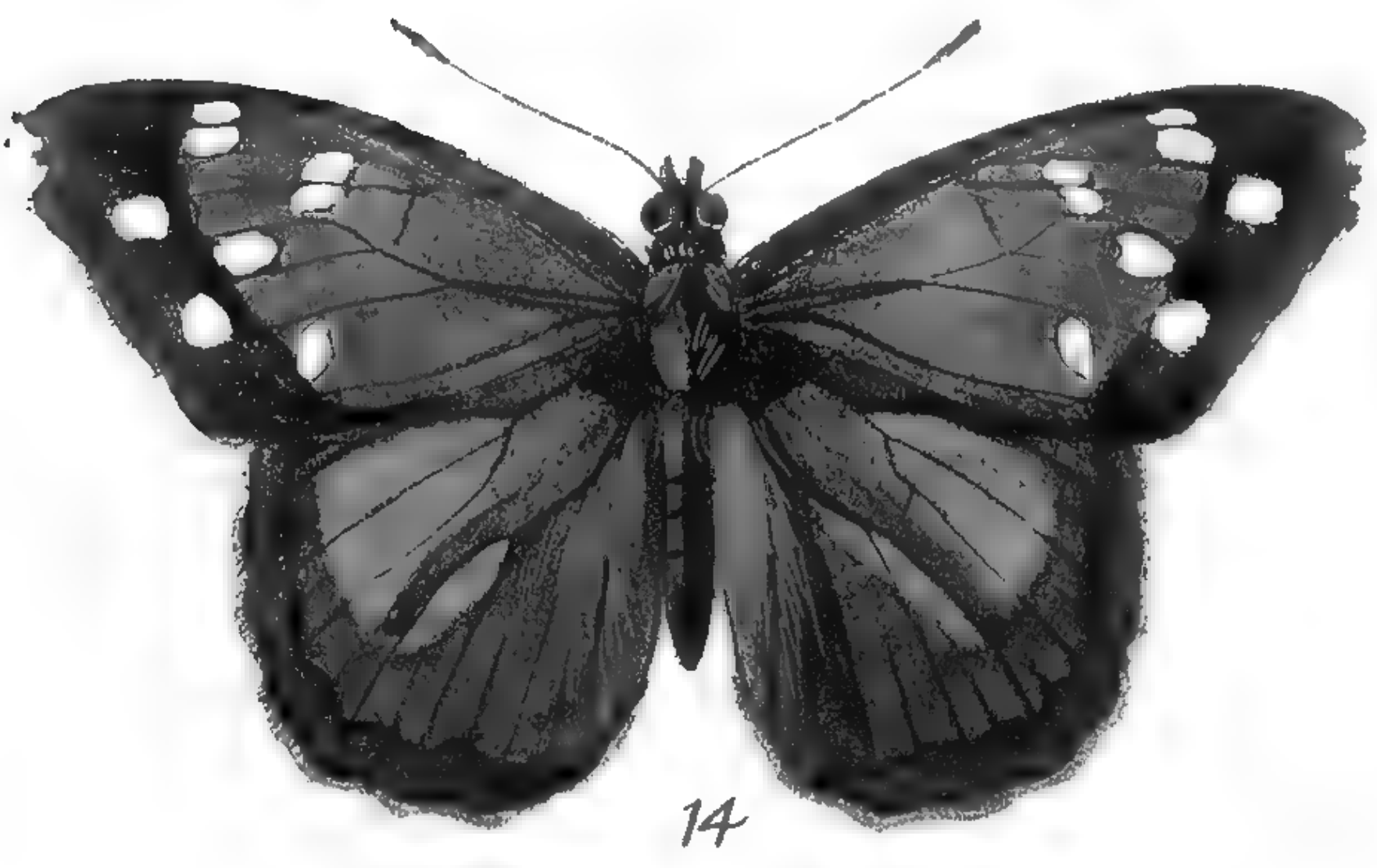
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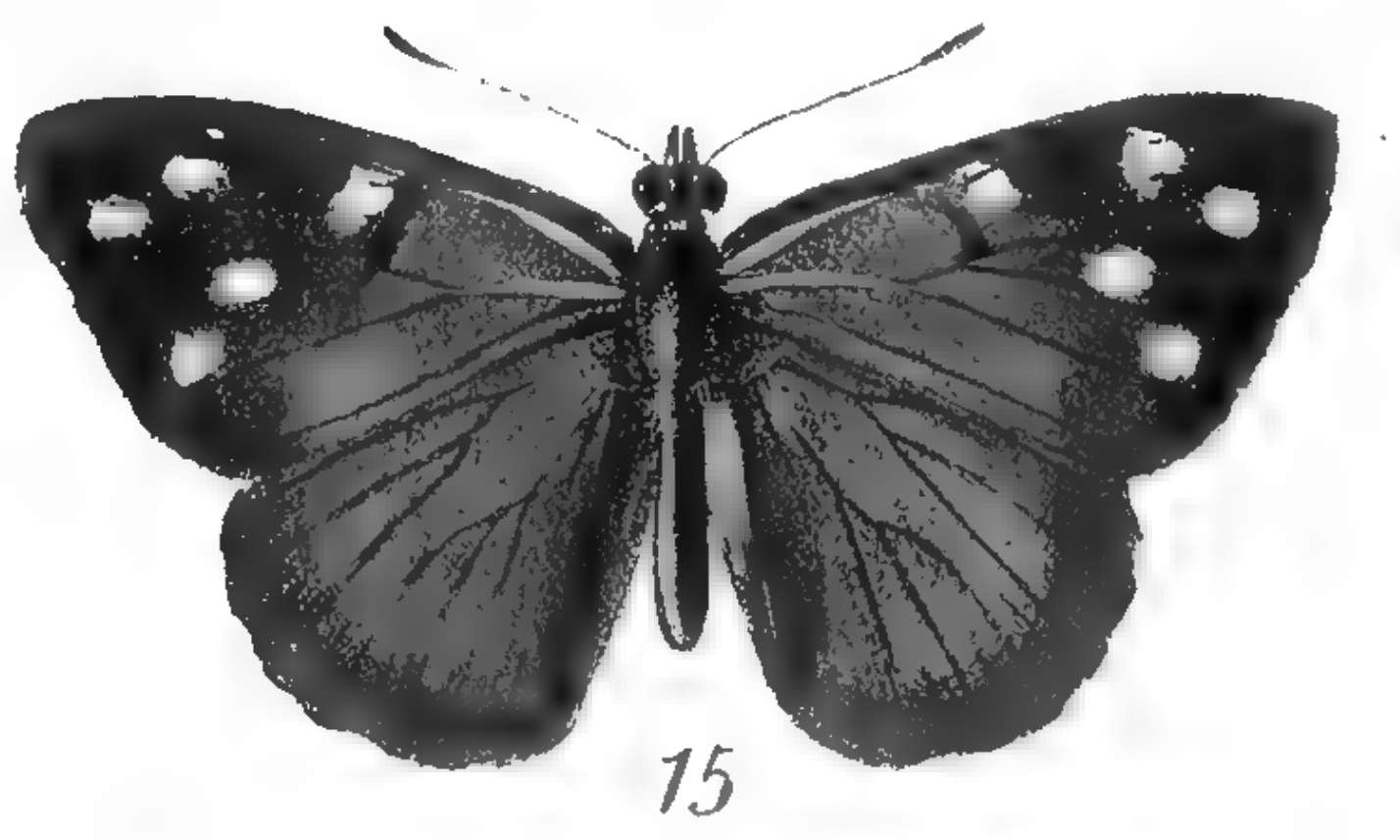
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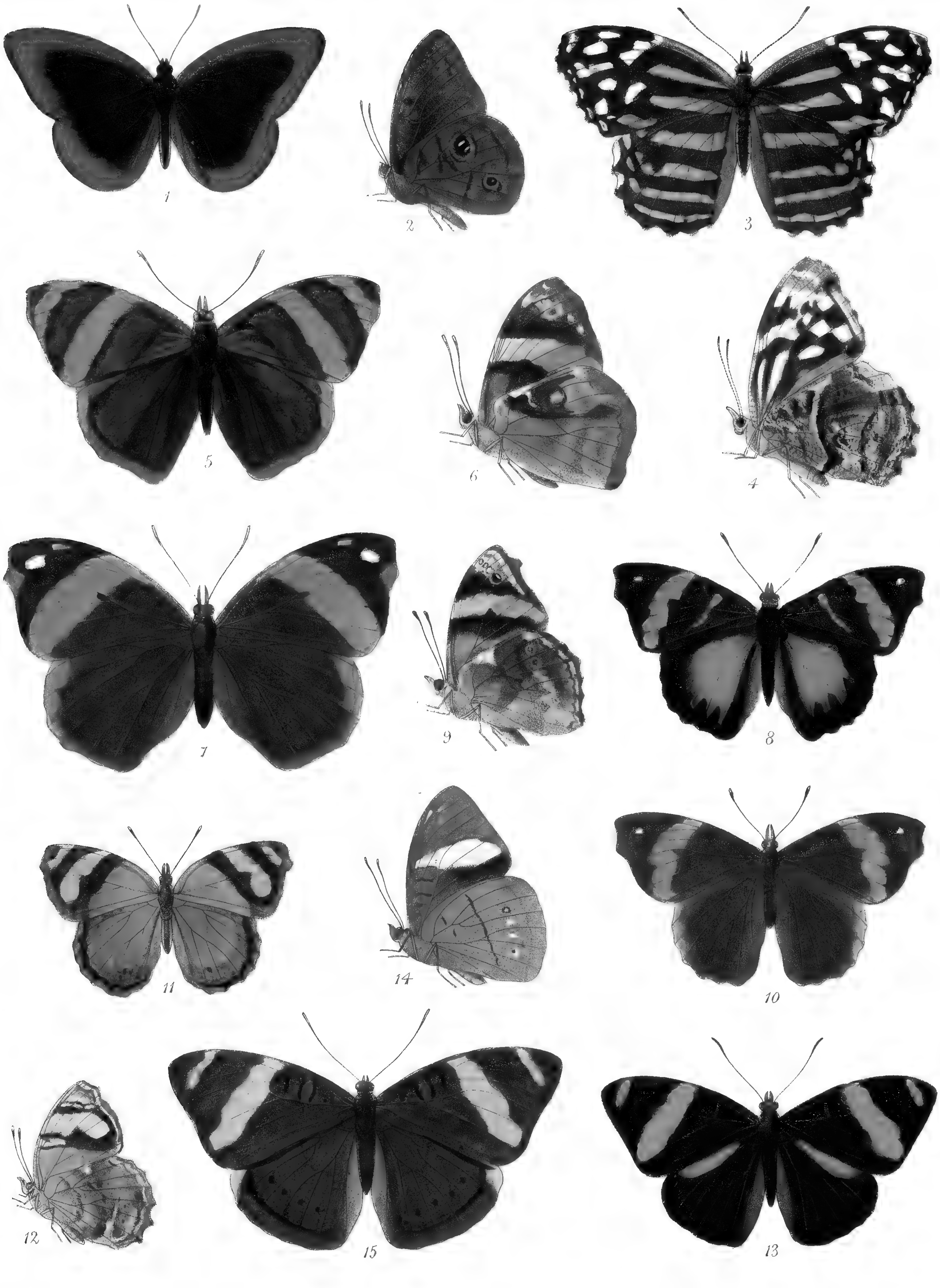
8, 9 E. POMONA. 10, 11 E. MIRA. 12, 13 E. EXCELSA.
14 E. CÆRULA. 15, 16 E. MODESTA.

R.H.F. Rippon. del. et lith.

M&N. Hanhart imp
21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1, 2 EUNICA AMATA.
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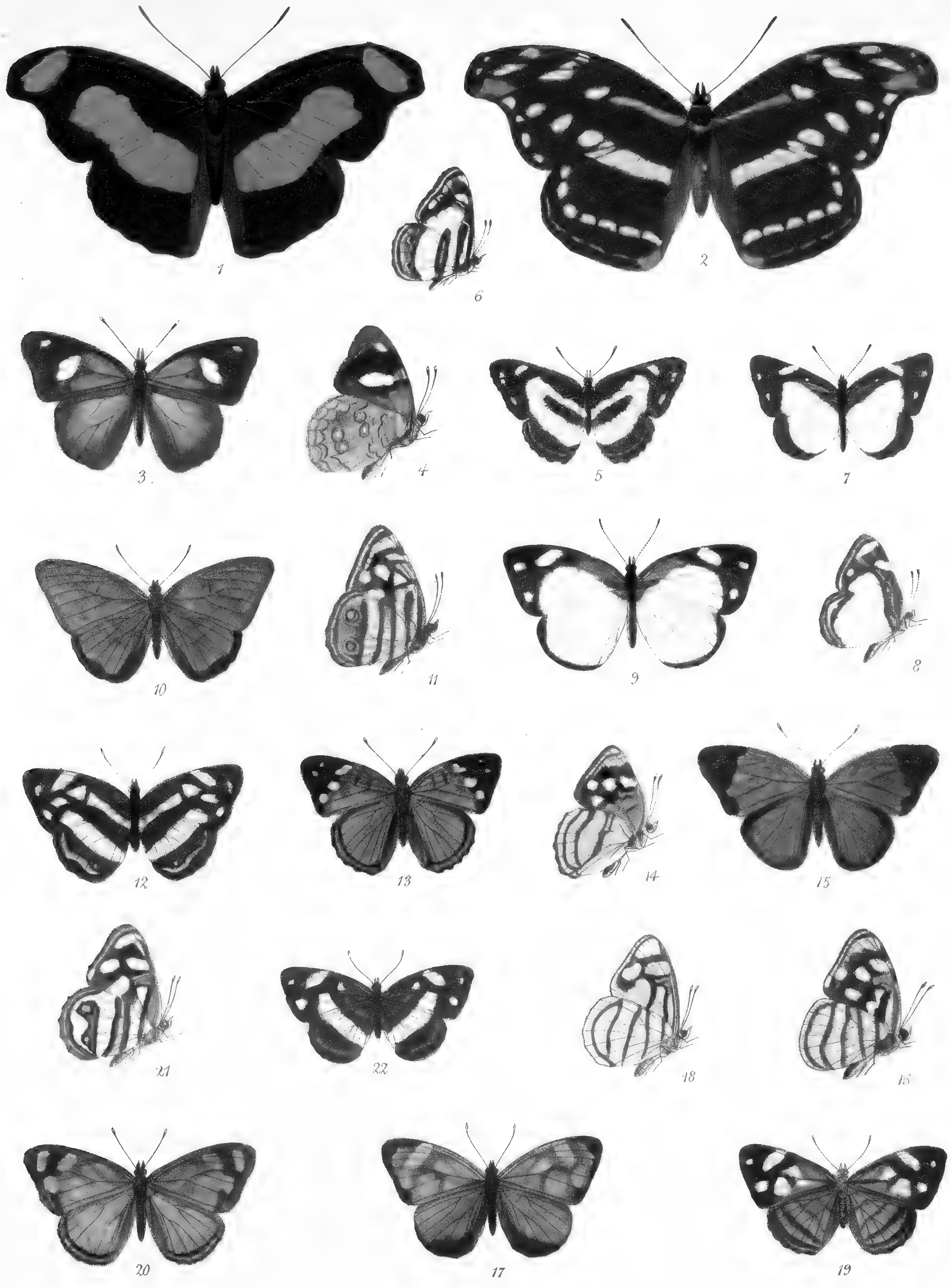
5, 6 ♂, 7 ♀ EPIPHILE GRANDIS.
8, 9 ♂, 10 ♀ EPIPHILE PLUTONIA.
11, 12 BOLBONEURA SYLPHIS.
13, 14 ♂, 15 ♀ EPICALIA AGLAURA.

W. Purkiss lith.
Hanhart imp.
320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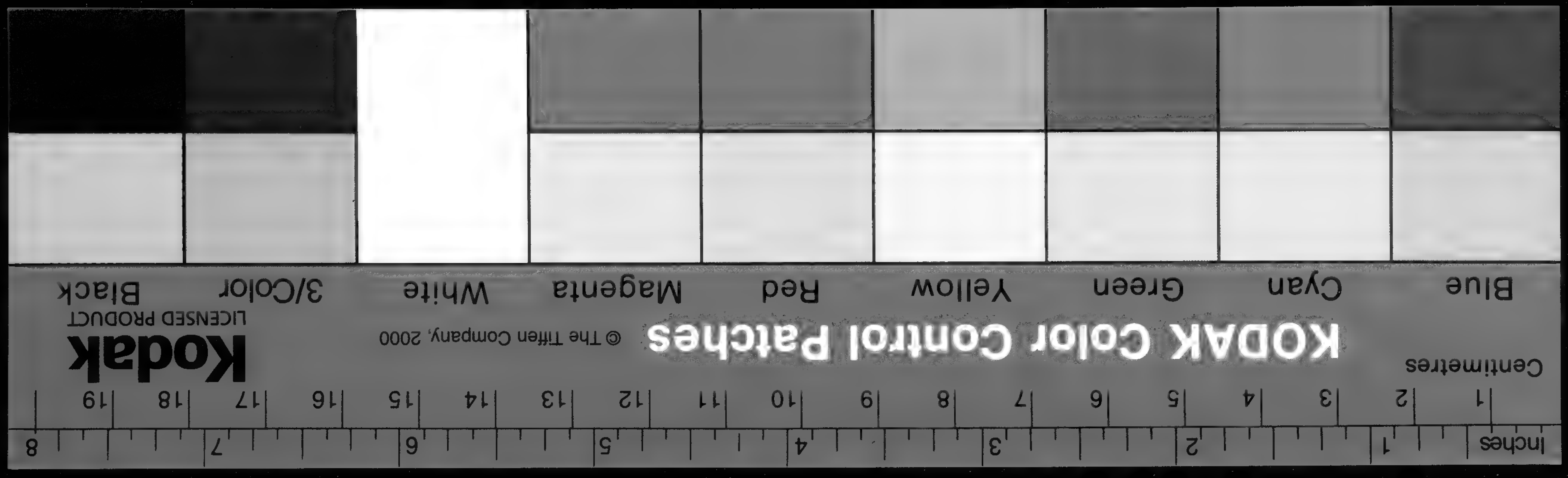
1♂ 2♀ EPICALIA CHROMIS.
3 4. CYCLOGRAMMA BACCHIS.
5,6 EUBAGIS ATE.
7, 8 EUBAGIS THESEUS.
9♂ „ ANUBIS.
10,11♂,12♀ „ THALASSINA.
13, 14 „ SALPENSA.
15, 16 EUBAGIS CHRYSEIS.
17,18♂,19♀ „ SOSTHENES.
20,21♂,22♀ „ GLAUCE.

W. Purkiss lith.

Hanhart imp
321.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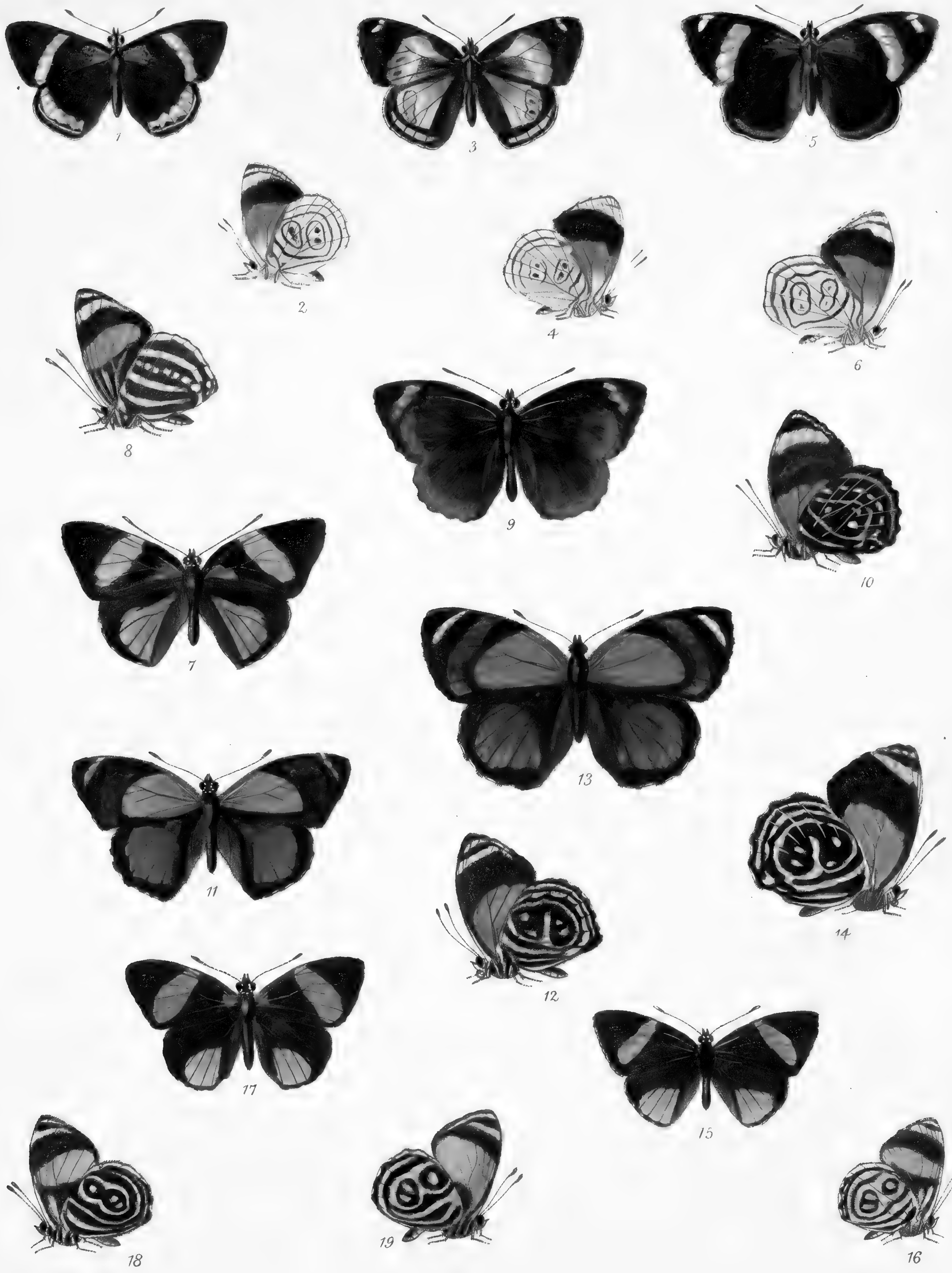
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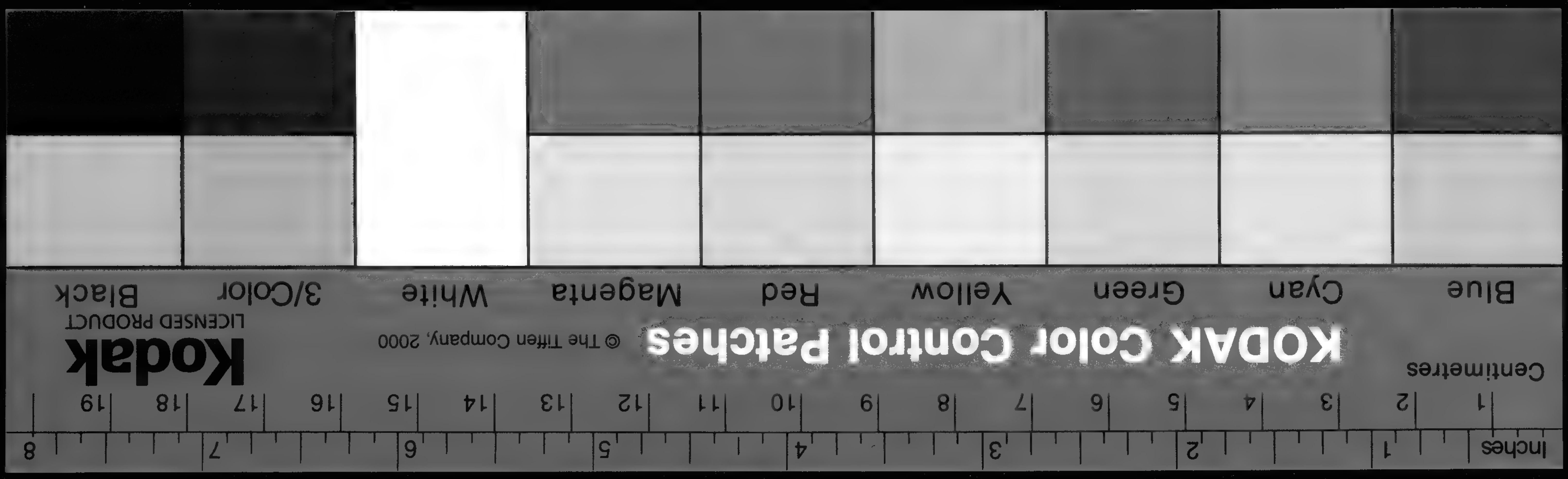
7,8 CATAGRAMMA FAUSTINA. 9,10 C. CASTA. 11, 12 ♂. 13, 14 ♀ C. TITANIA.
15, 16 C. PACIFICA. 17, 18 C. GUATEMALENA. 19 C. TOLIMA.

R. H. Rippon del. et lith.

M & N. Hanhart imp.
16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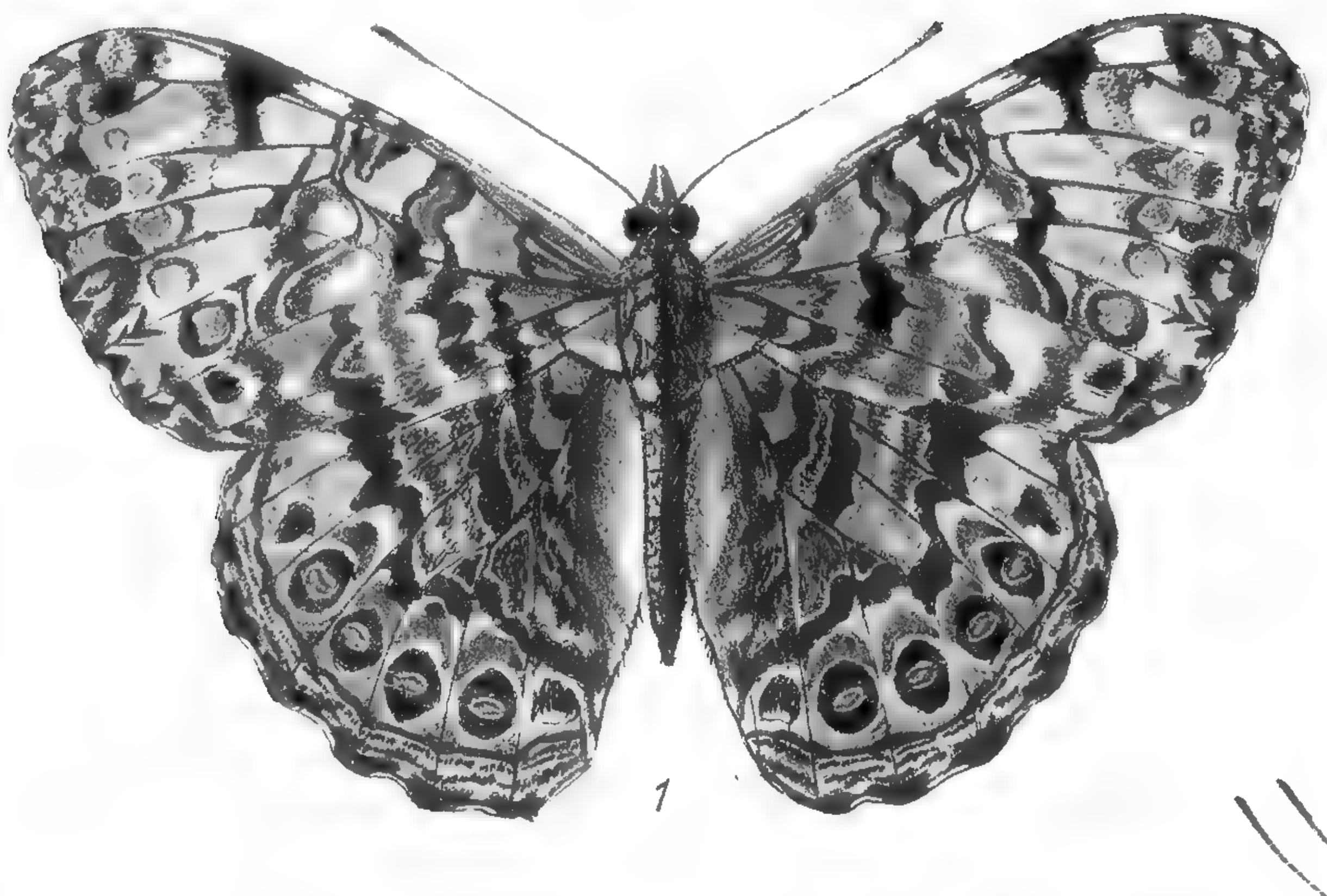

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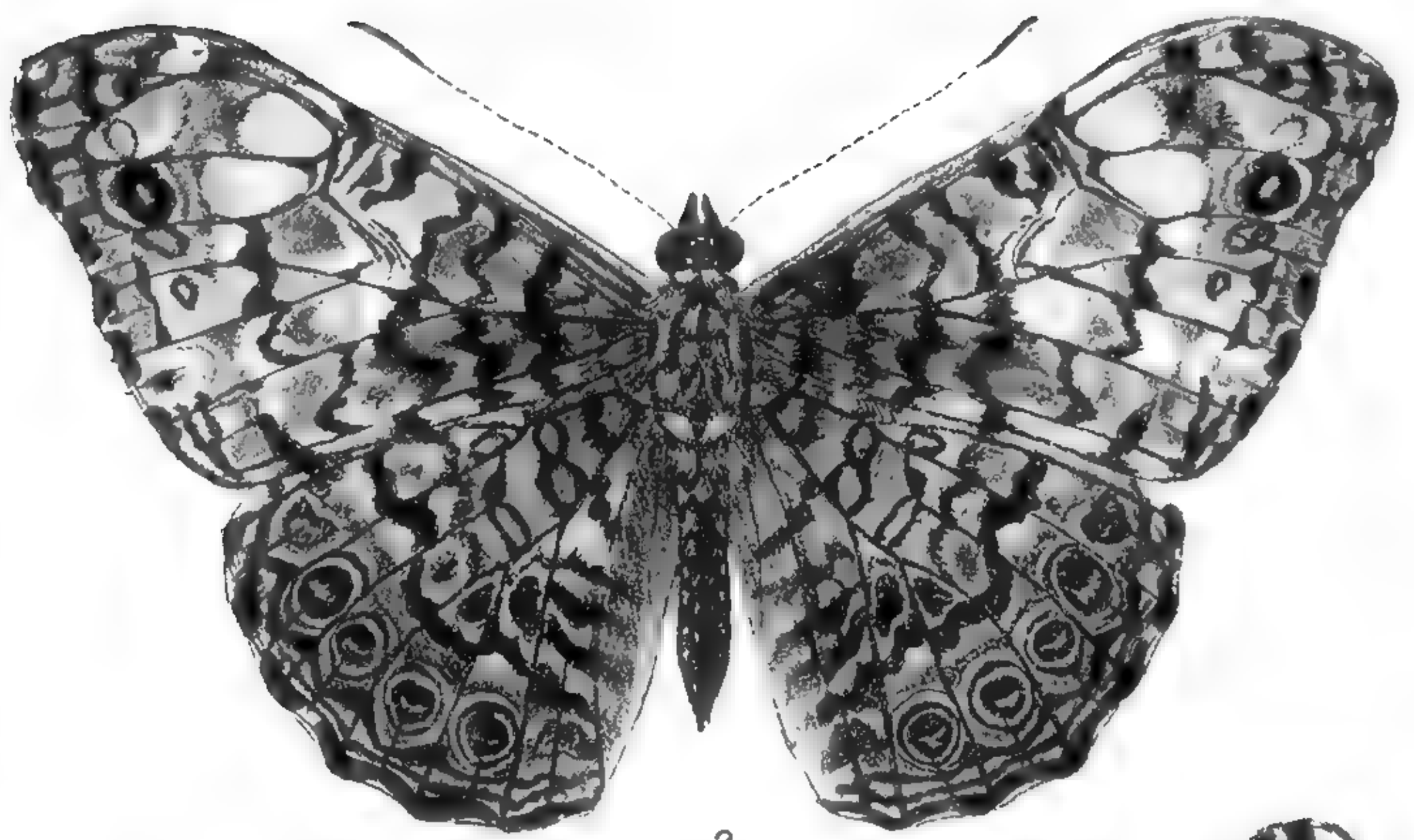

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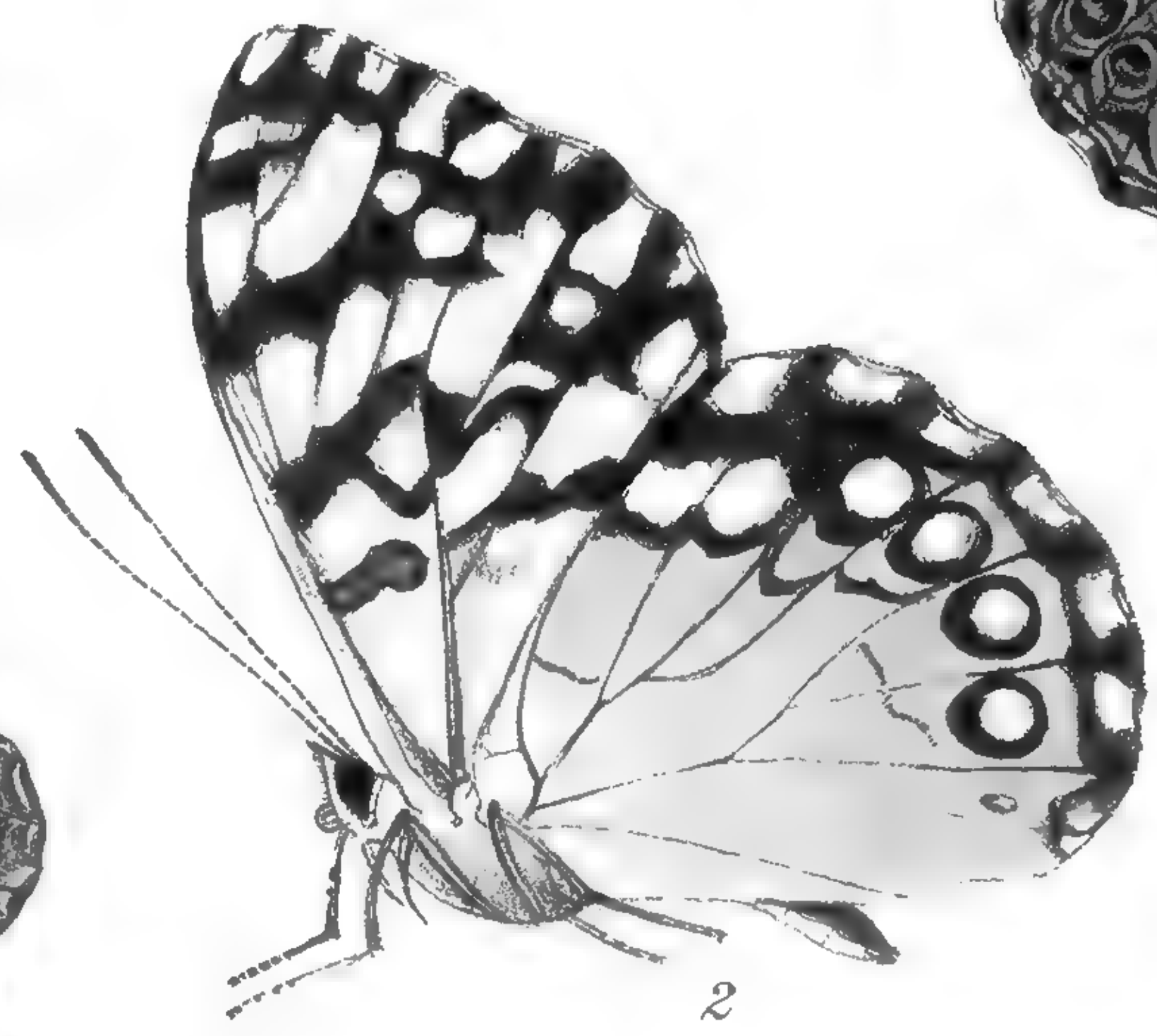

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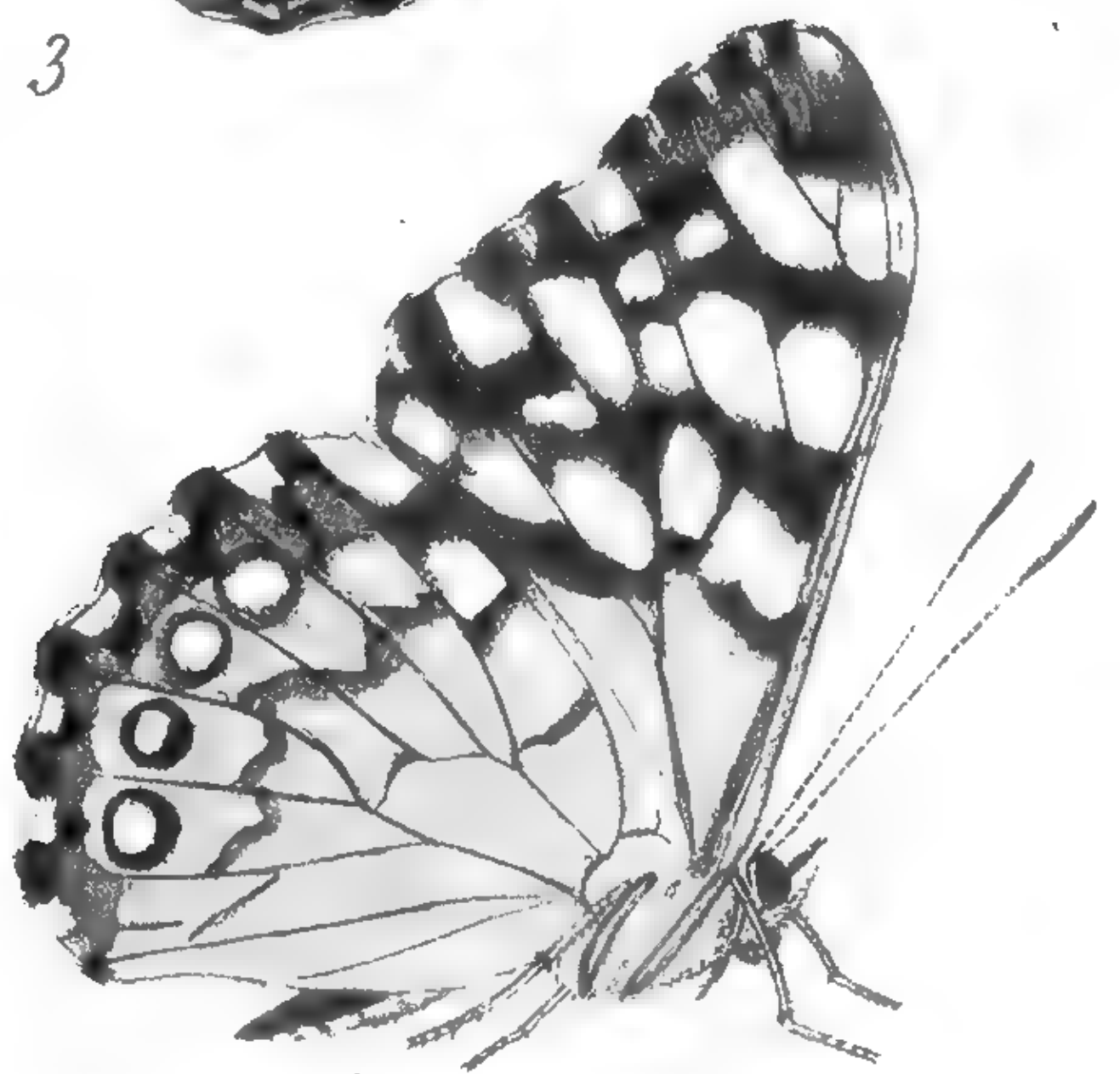

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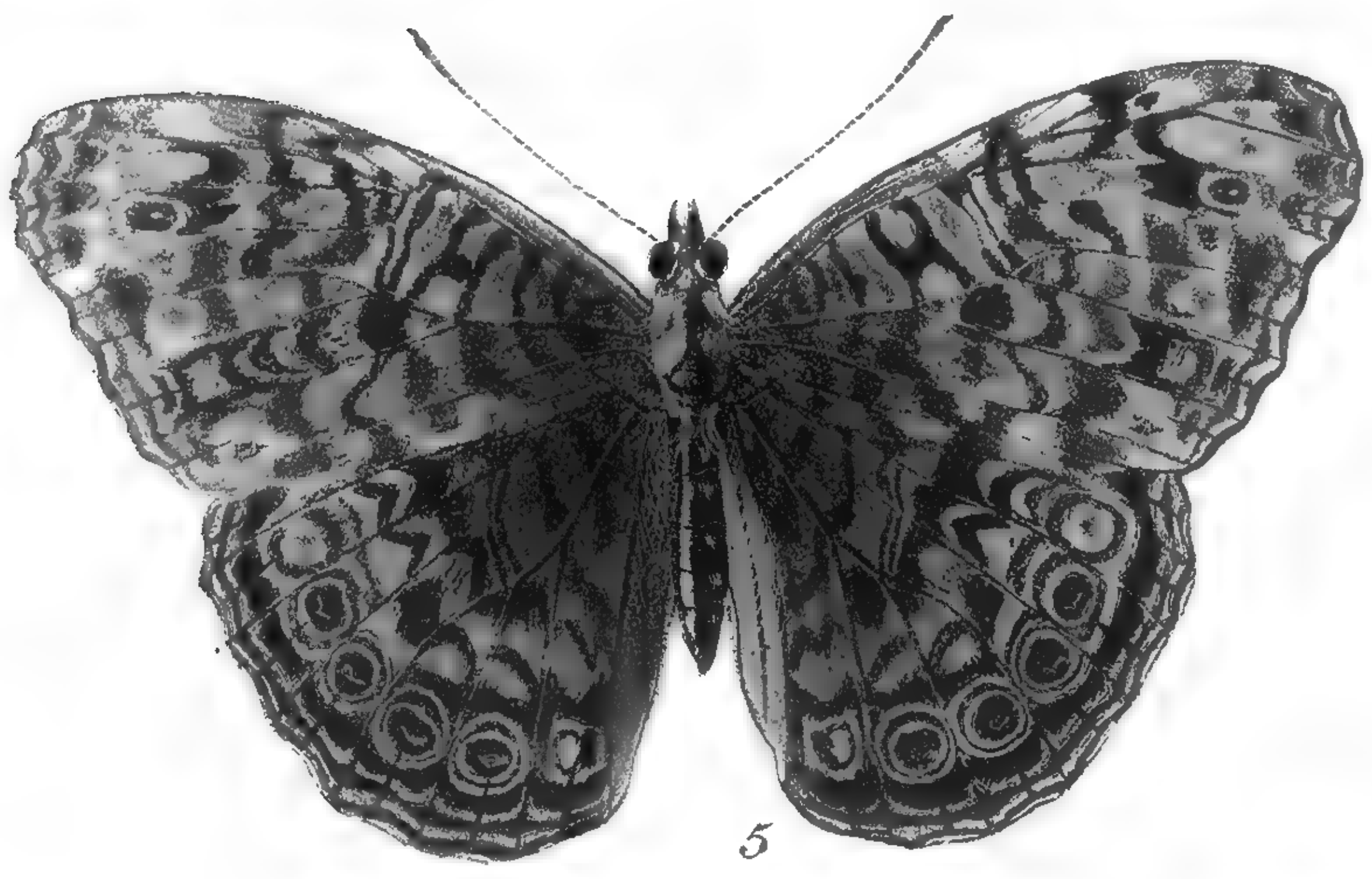

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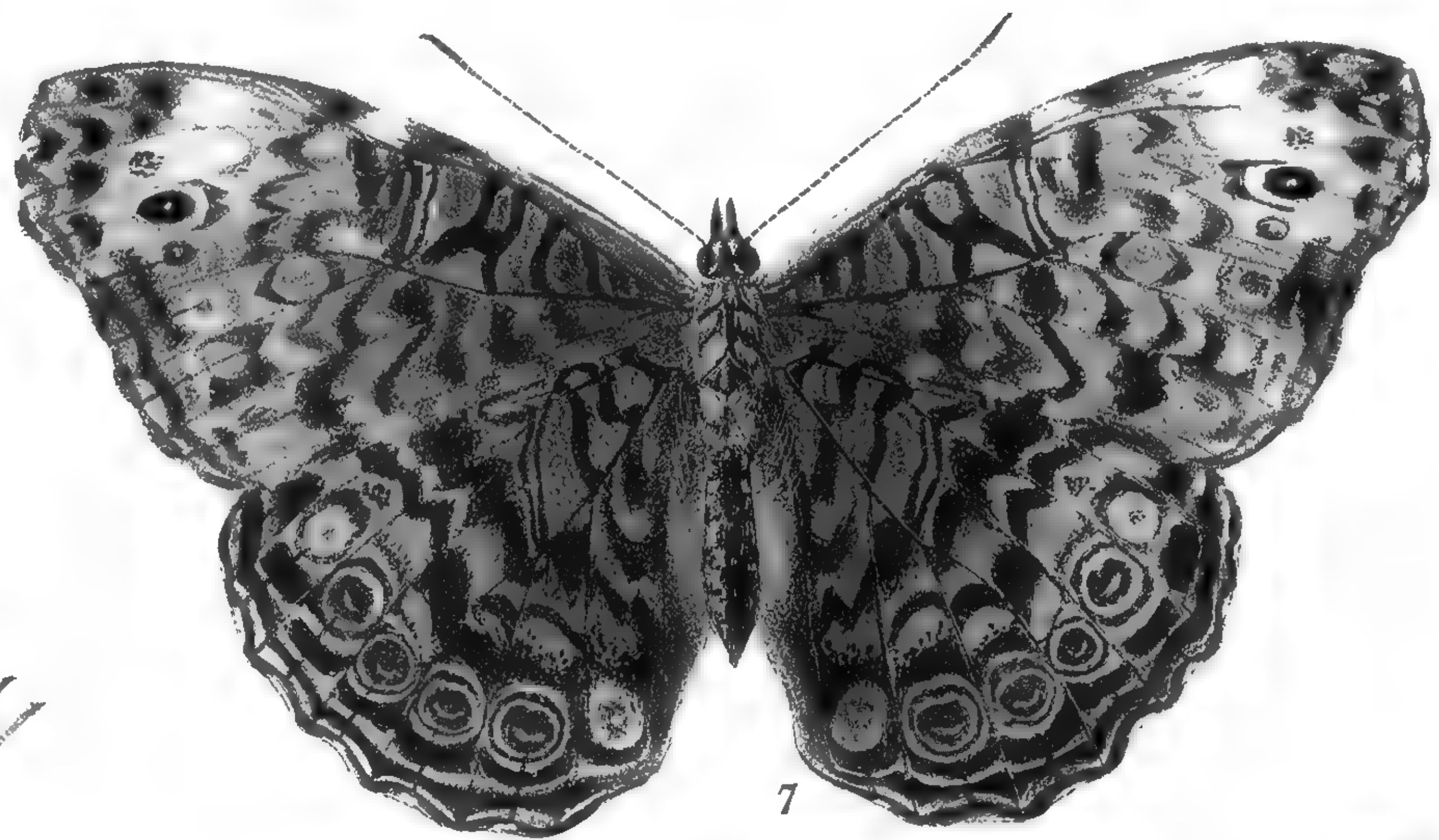

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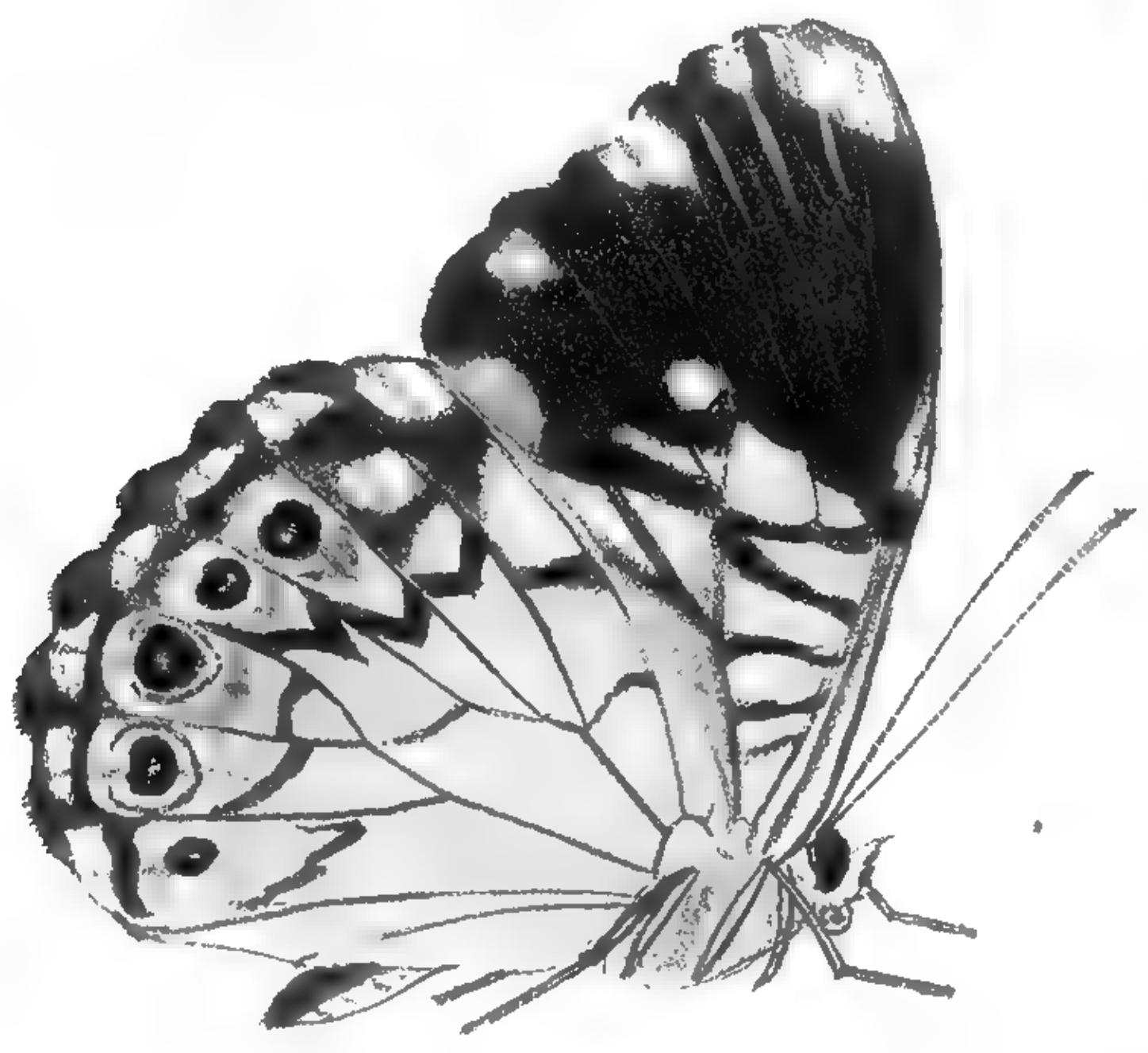

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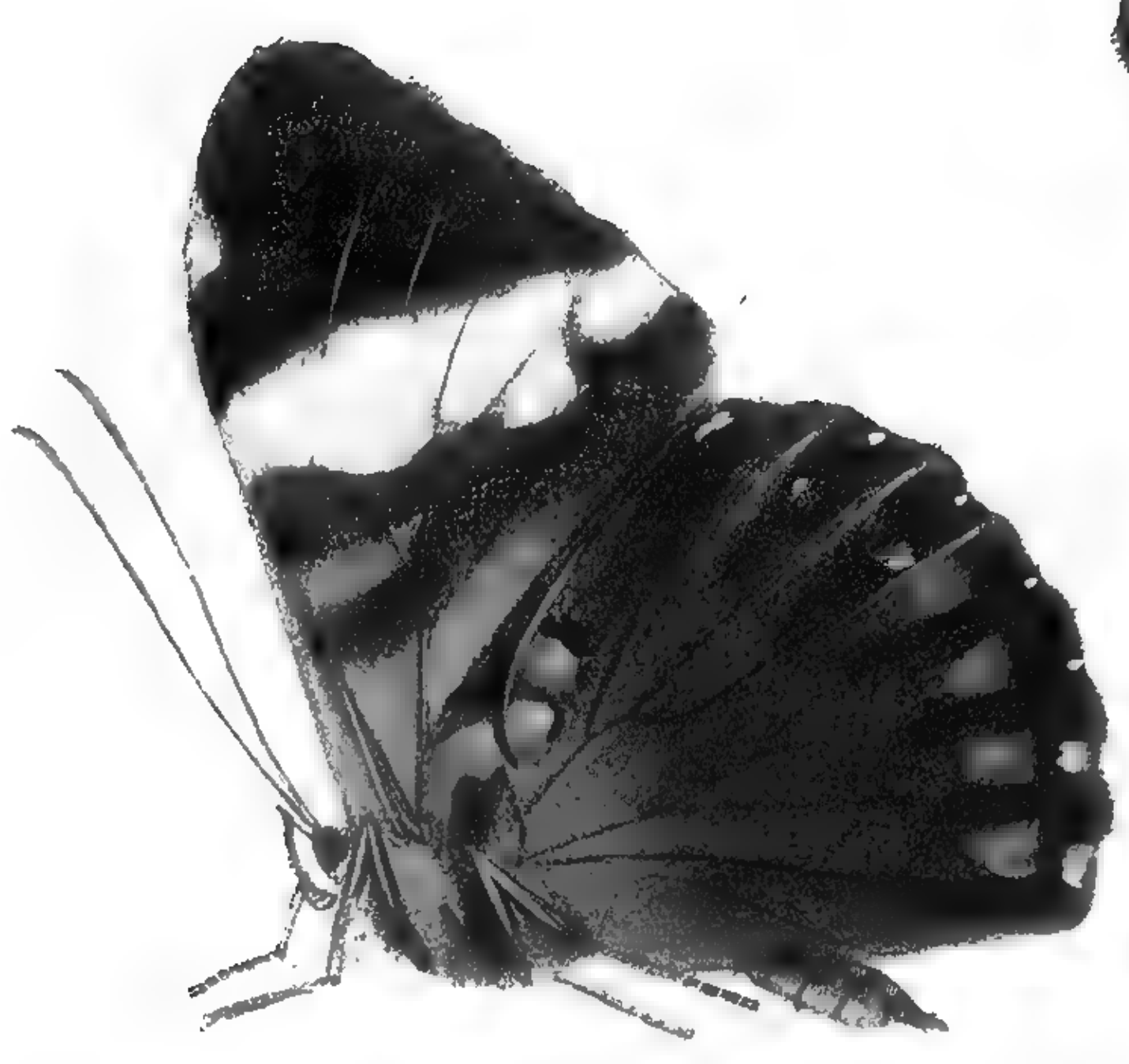

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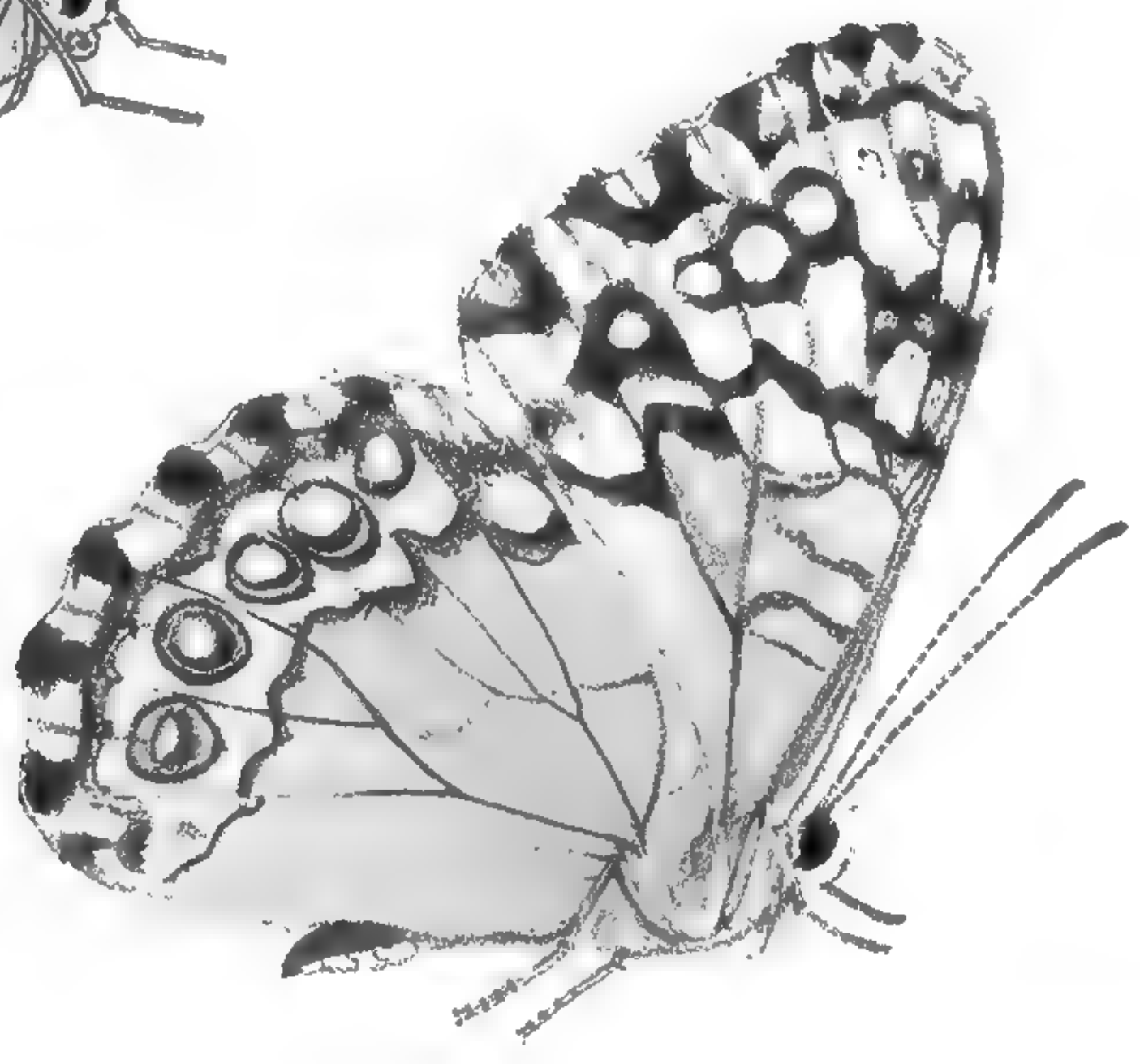

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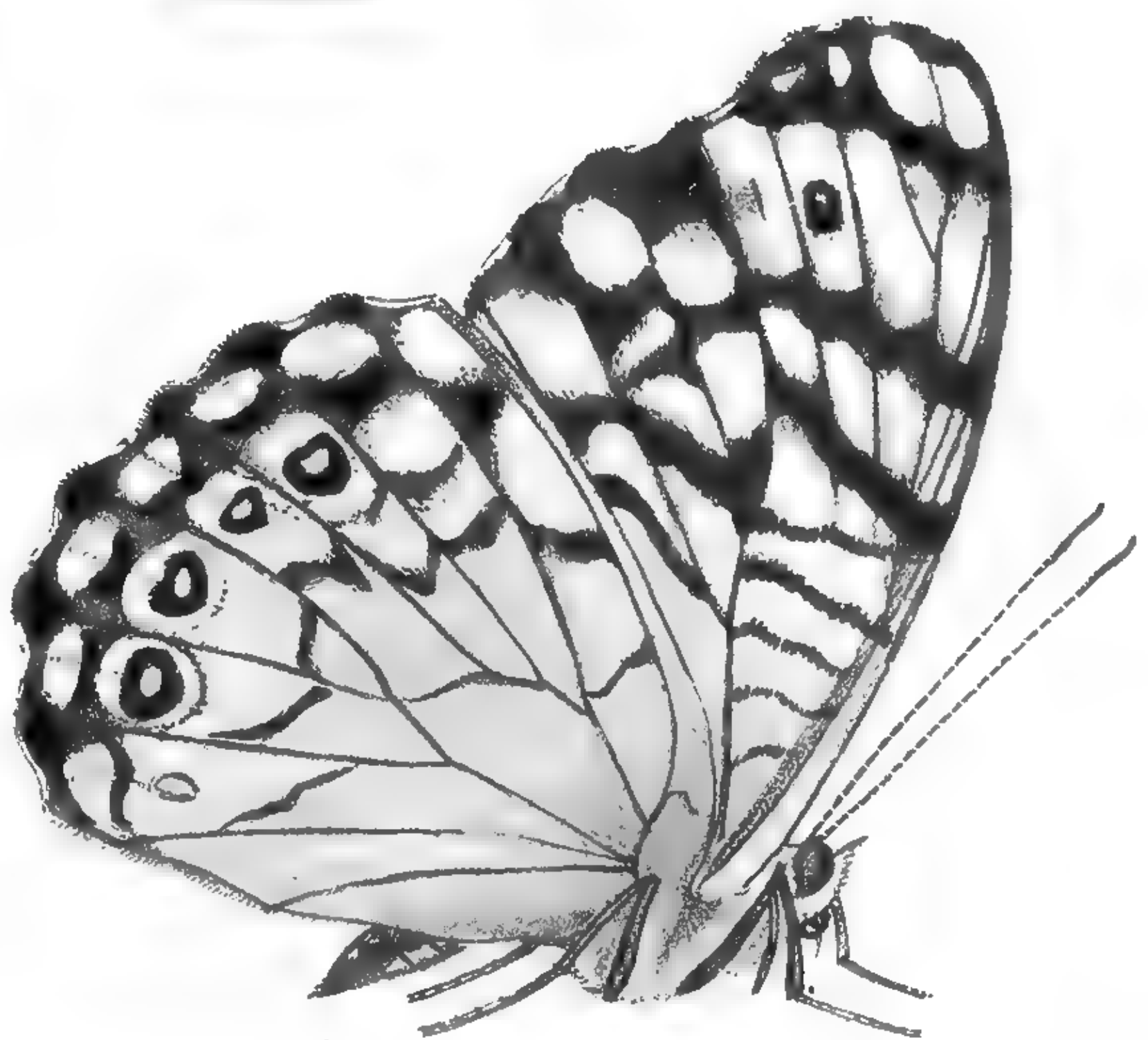

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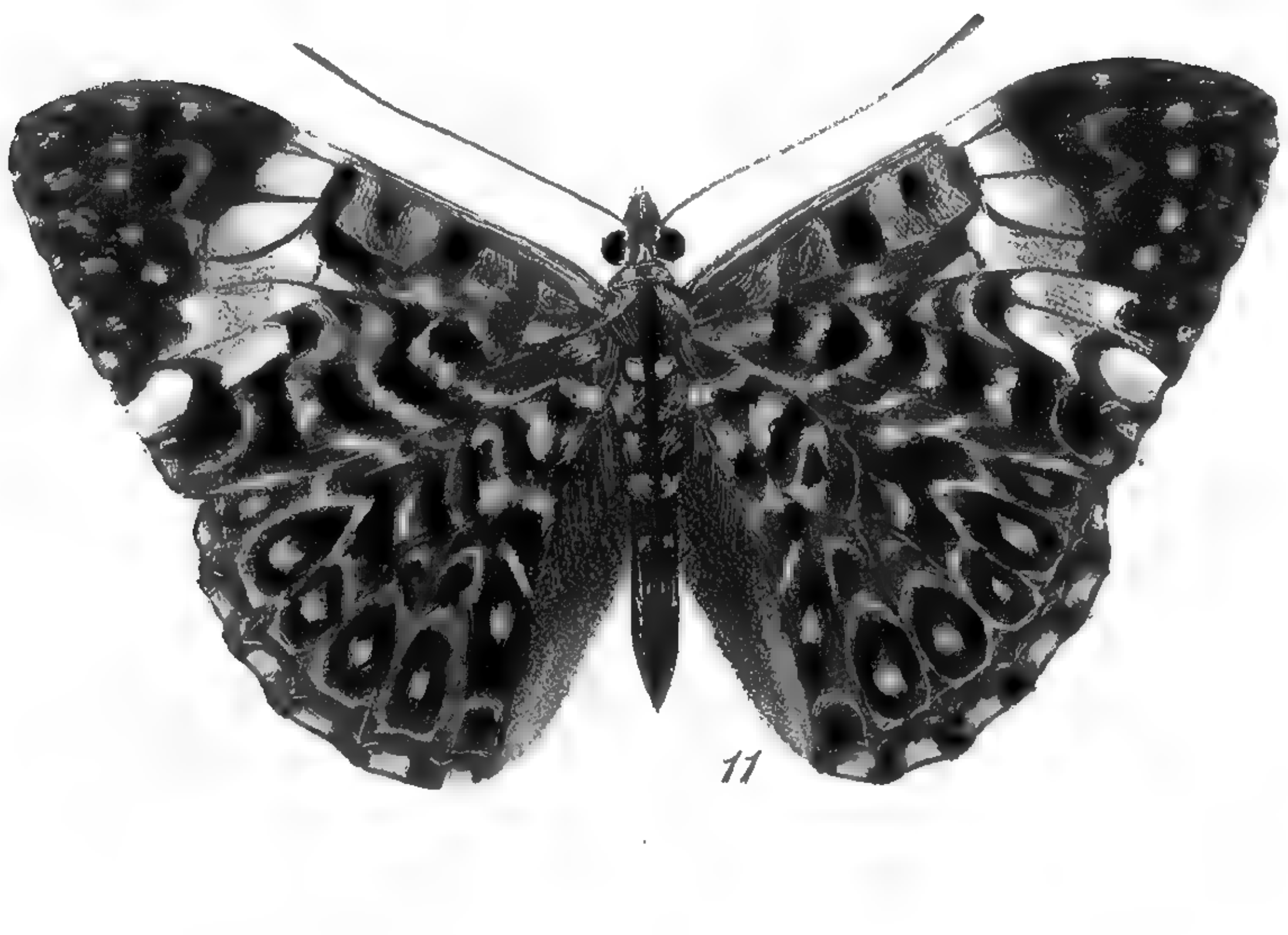

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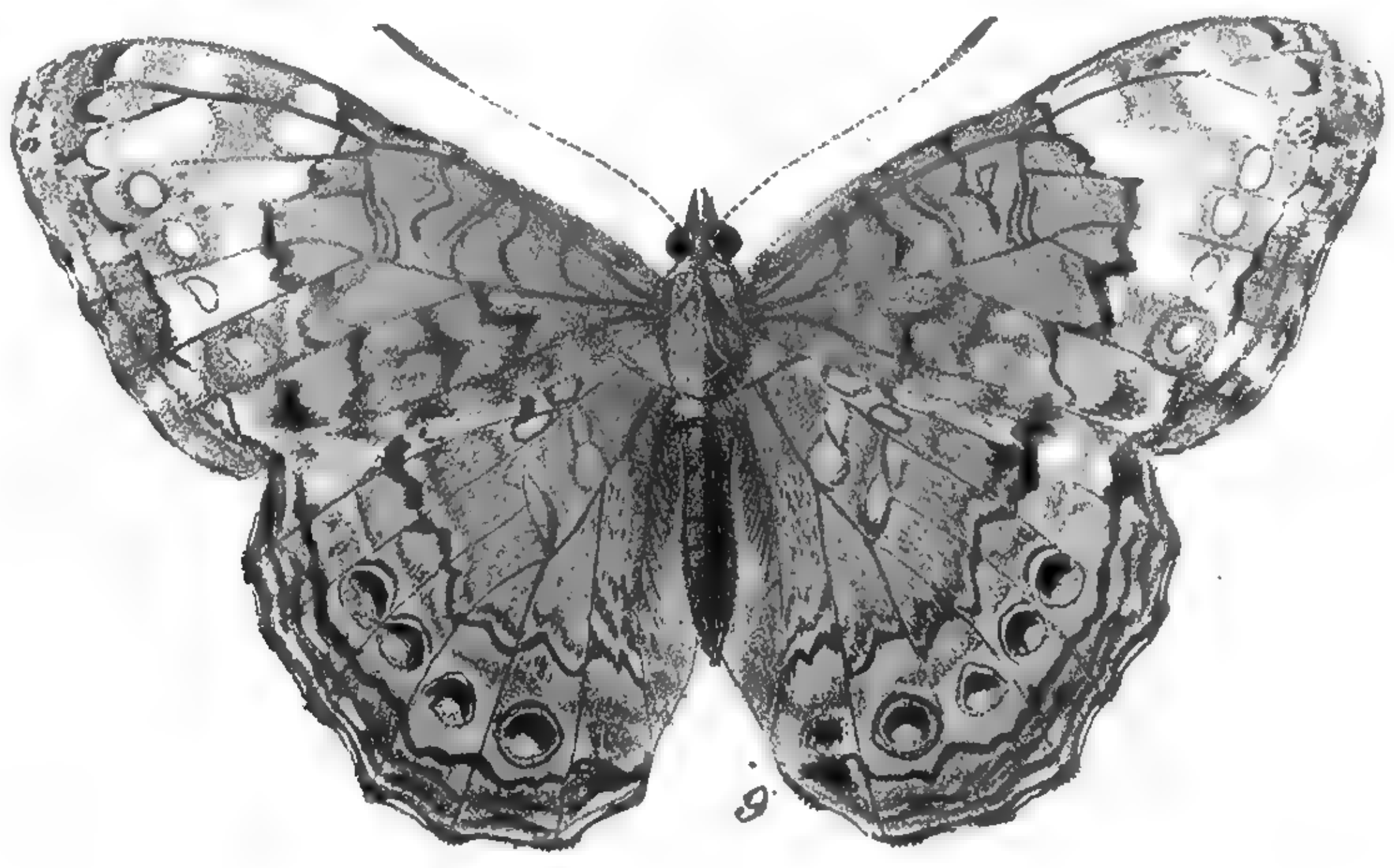


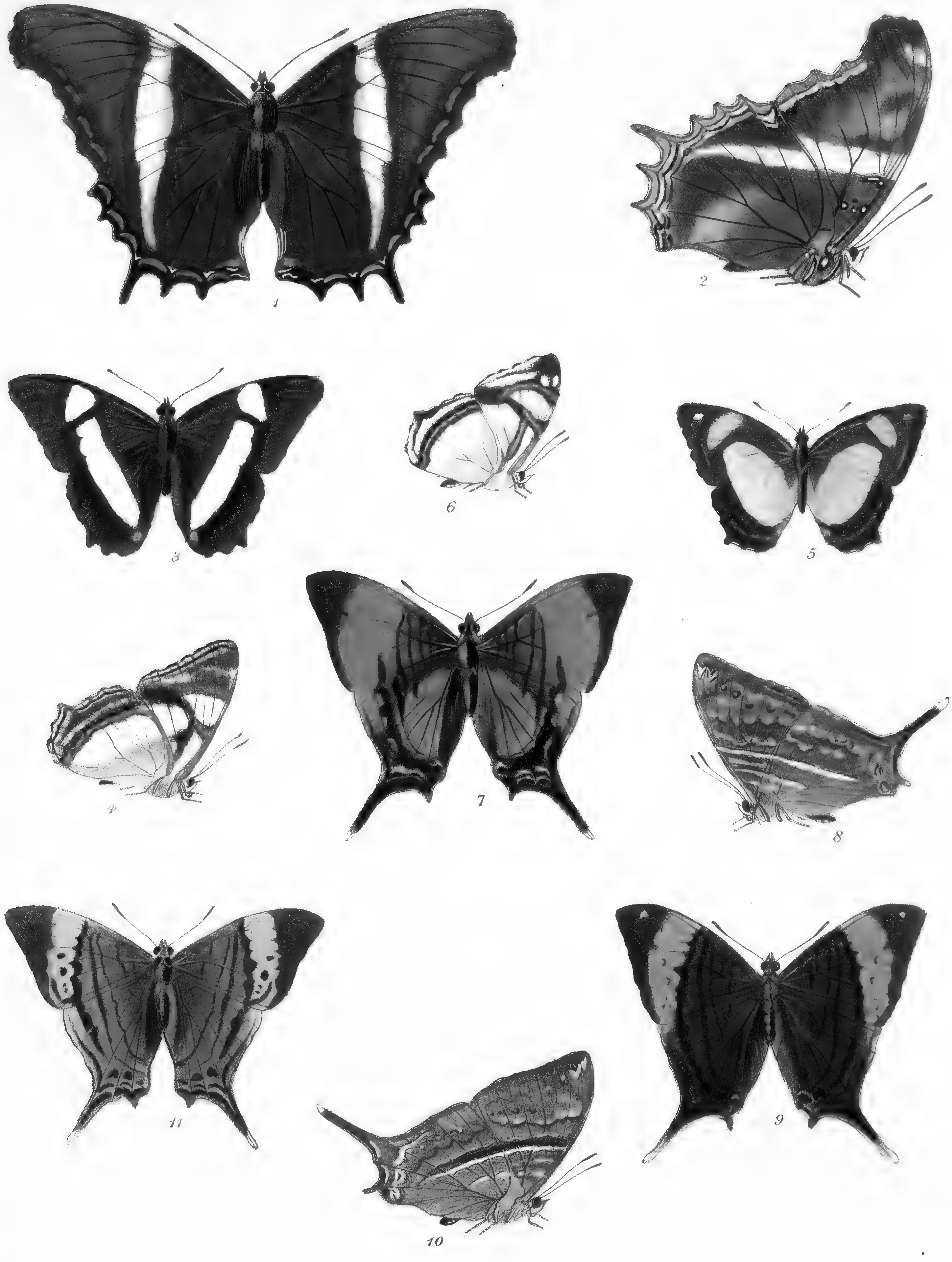
9

1,2 AGERONIA GUATEMALENA. 3,4 A.IPHTHIME.
5,6 ♂. 7,8 ♀ A.ATLANTIS. 9,10 A.GLAUCONOME. 11,12 A.ARINOME.

R.H.F.Rippon del.et lith.

M.&N.Hanhart imp.
28

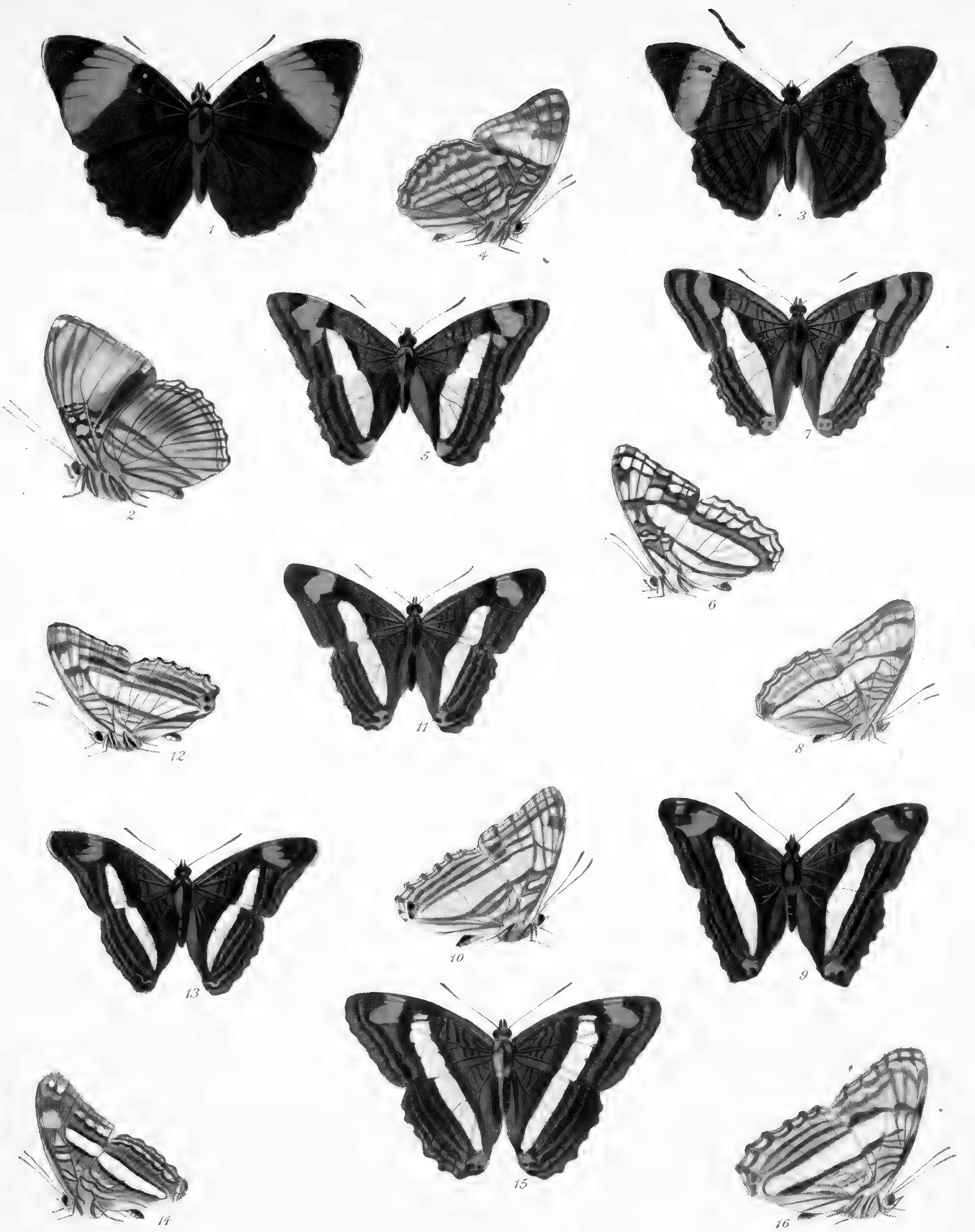
Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres Inches



1,2 AMPHIRENE SUPERBA.
P. hypsenor 3,4 PYRROGYRA ~~TIPHA~~ 7,8 ♂, 9,10 ♂ TIMETES CORITA.
5,6 „ OTOLAIS. 11 „ PHIALE.

R.H.F. Rippon del. et lith.

M & N. Hanhart imp.
33



1, 2	ADELPHA	MELANTHE.	9, 10	ADELPHA	EPIPHICLA.
3, 4	"	SALMONEUS.	11, 12	"	IPHICLEOLA.
5, 6	"	PARŒCA.	13, 14	"	FALCATA.
7, 8	"	PITHYS.	15, 16	"	BASILOIDES.

R.H.F. Rippon del. et lith.   M & N. Hanhart imp.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres
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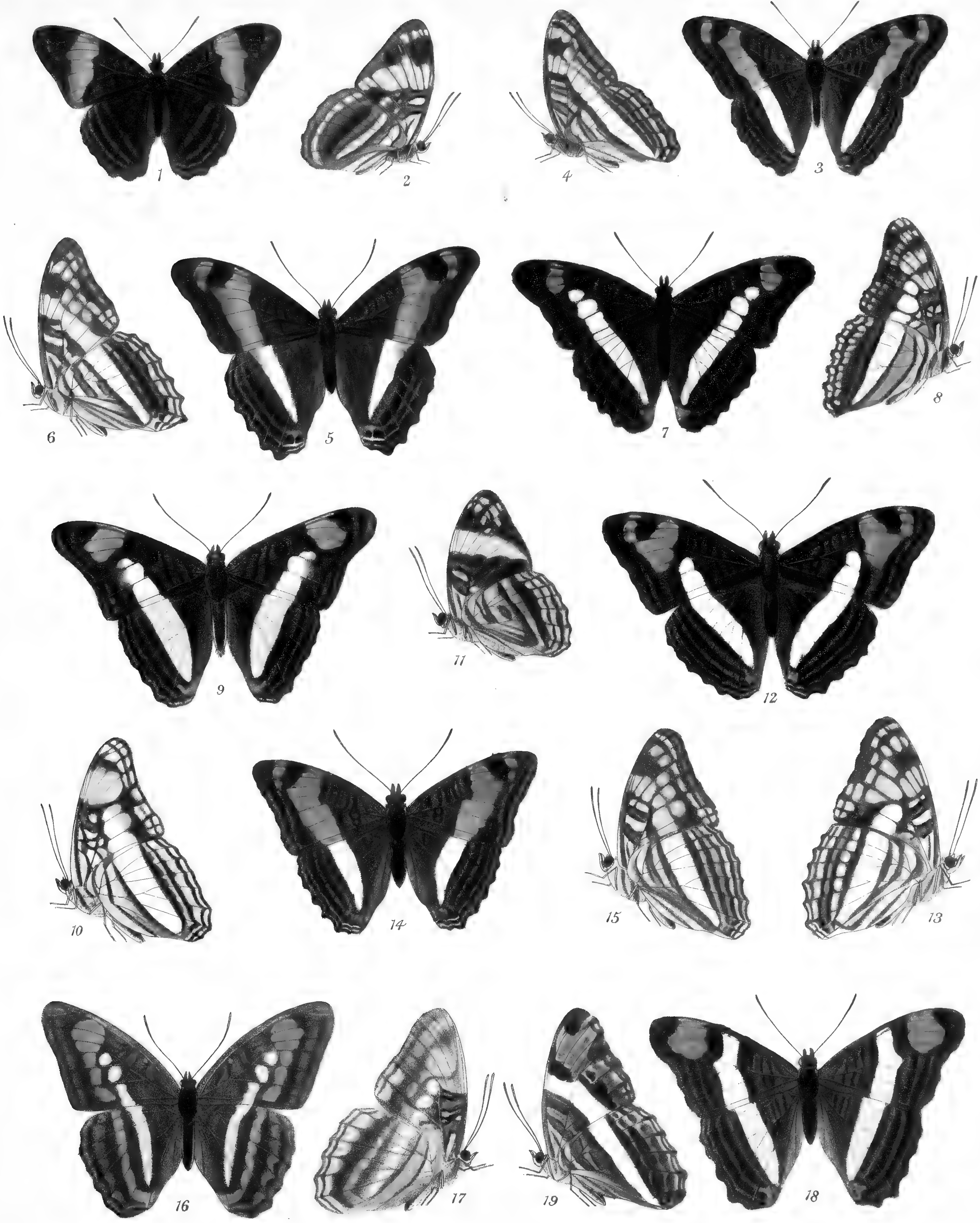
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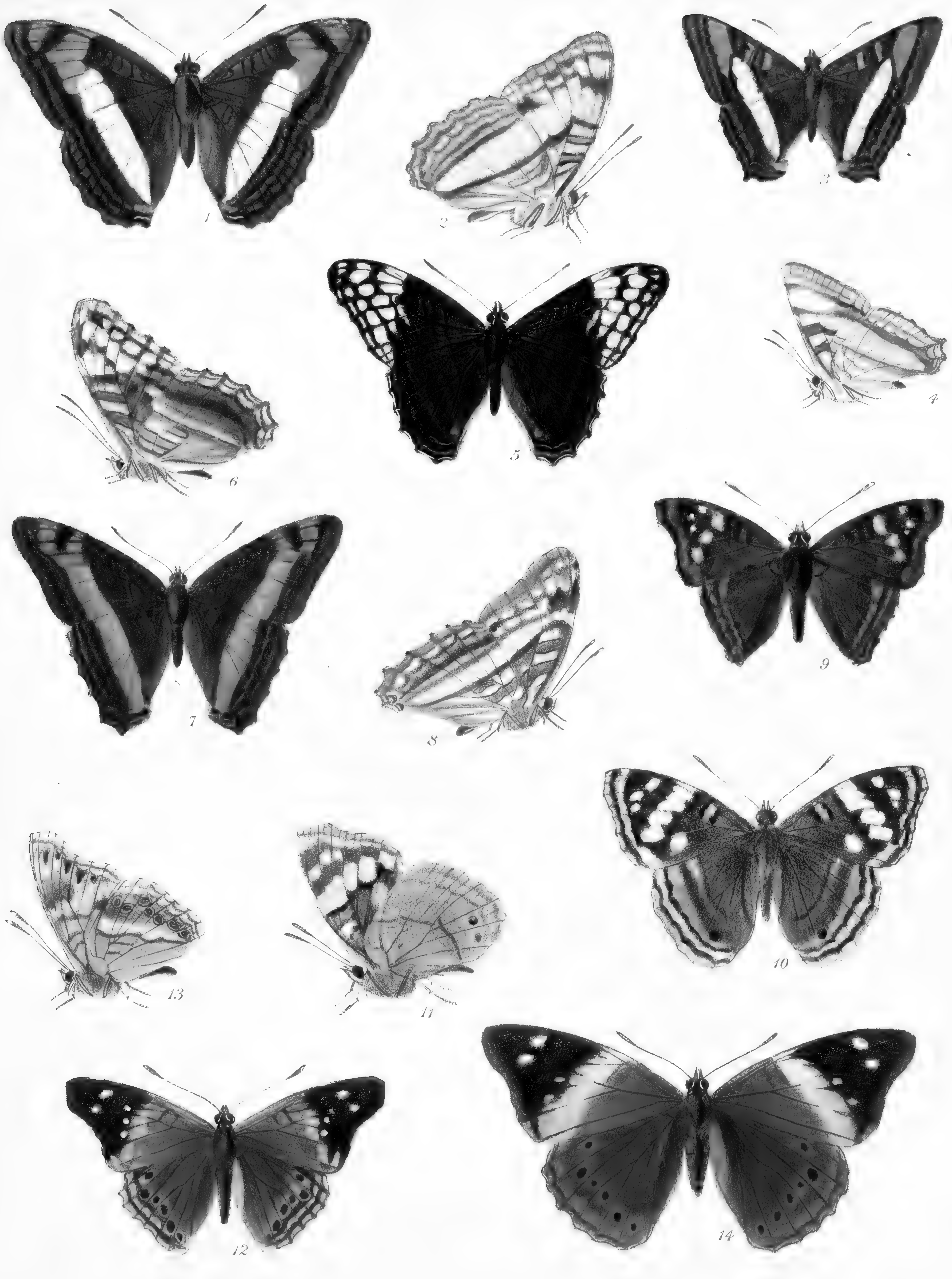
1,2 ADELPHA SOPHAX.
3,4 „ OBERTHÜRII.
5,6 „ ERYMANTHIS.

7,8 ADELPHA MASSILIA.
9,10 „ SENTIA.
11 „ TIZONA.
12,13 „ LERNA.

14,15 ADELPHA EROTIA.
16,17 „ PIONE.
18,19 „ FESSONIA.

W. Purkiss lith.

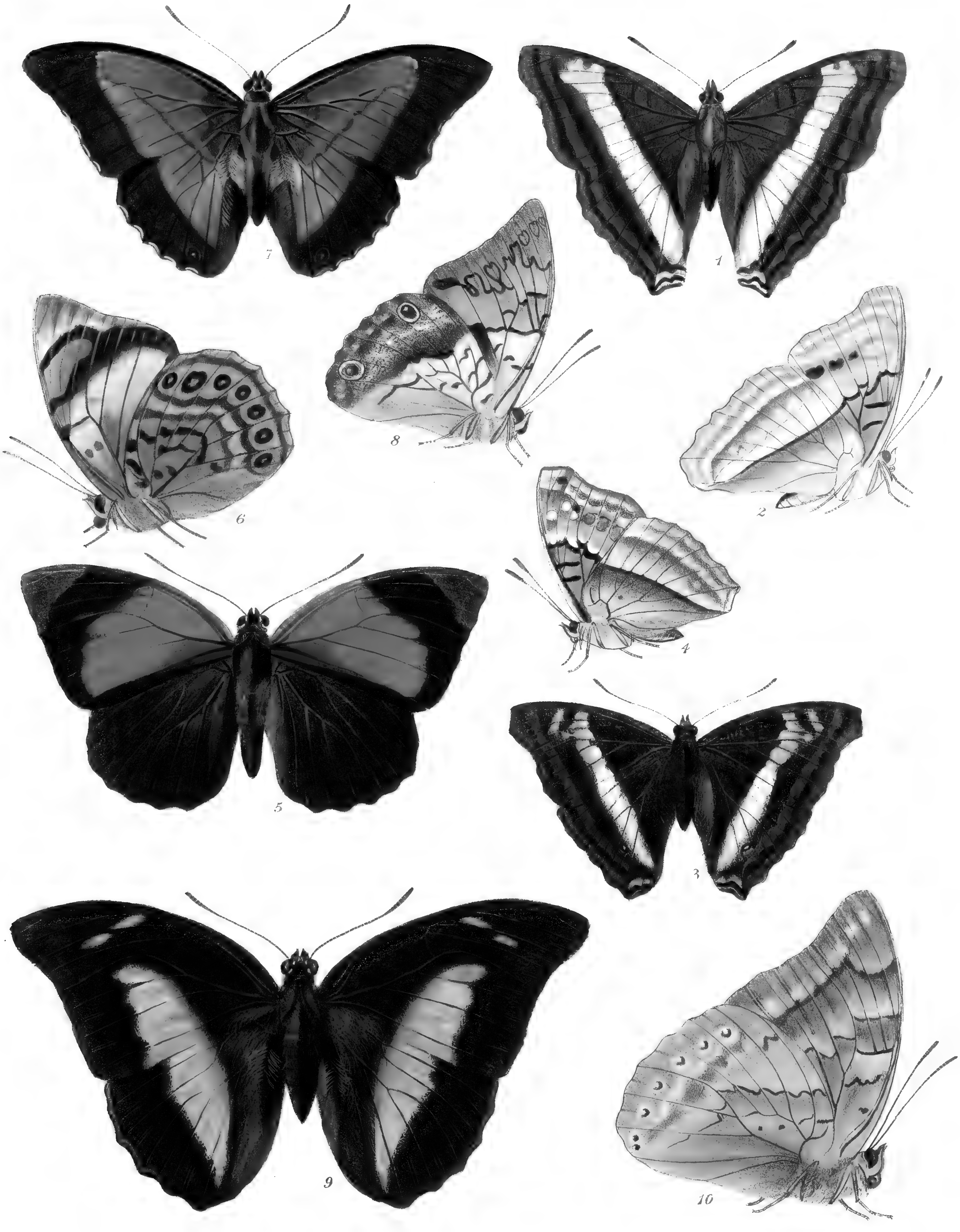
Hanhart imp.
335.



1,2 ADELPHA PHYLACA. 5,6 A. DEMIALBA. 9♂,10,11♀ APATURA CALLIANIRA.
3,4 „ DIOCLES. 7,8 A. LEUCERNIA. 12,13♂,14♀ „ ARGUS

F. Rippon del. et lith.
Hanhart imp
39

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Inches 1 2 3 4 5 6 7 8

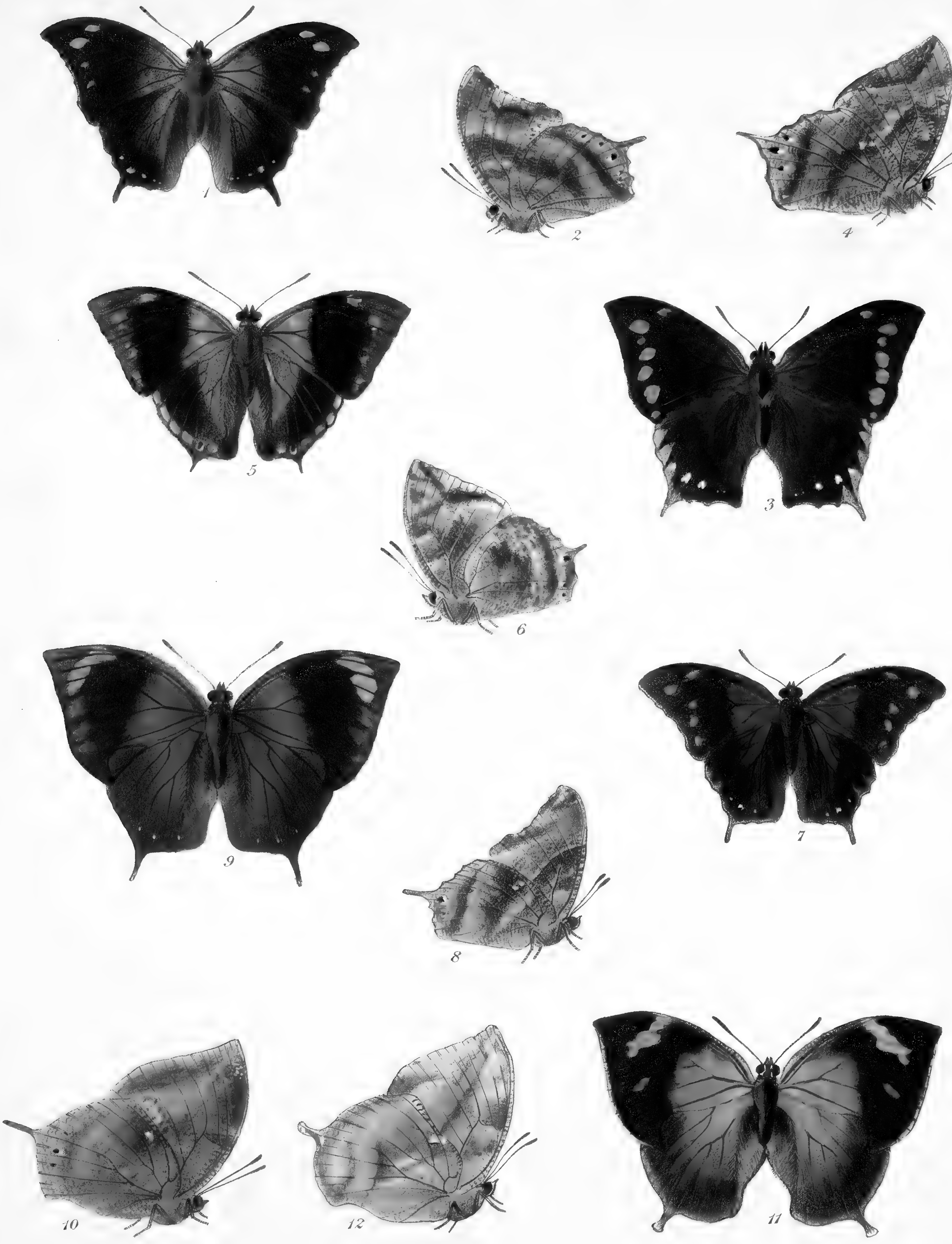


1, 2 ♀ APATURA CYANE. 5, 6 AGRIAS ÆDON. 7, 8 PREPONA GNORIMA.
3, 4 ♀ " CHERUBINA. 9, 10 " ~~DEMOPHON~~
camilla

R.H.F. Rippon del. et lith.

Hanhart imp.
41

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Centimetres
Inches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1,2 ANÆA ONOPHIS. 5,6 A. XENOCLES. 9,10 A. BEATRIX.
3,4 „ AMENOPHIS. 7,8 A. PITHYUSA. 11,12 A. MORTA.

R.H.F. Rippon del. et lith.
Hanhart imp.

Blue
Cyan
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Yellow
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KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
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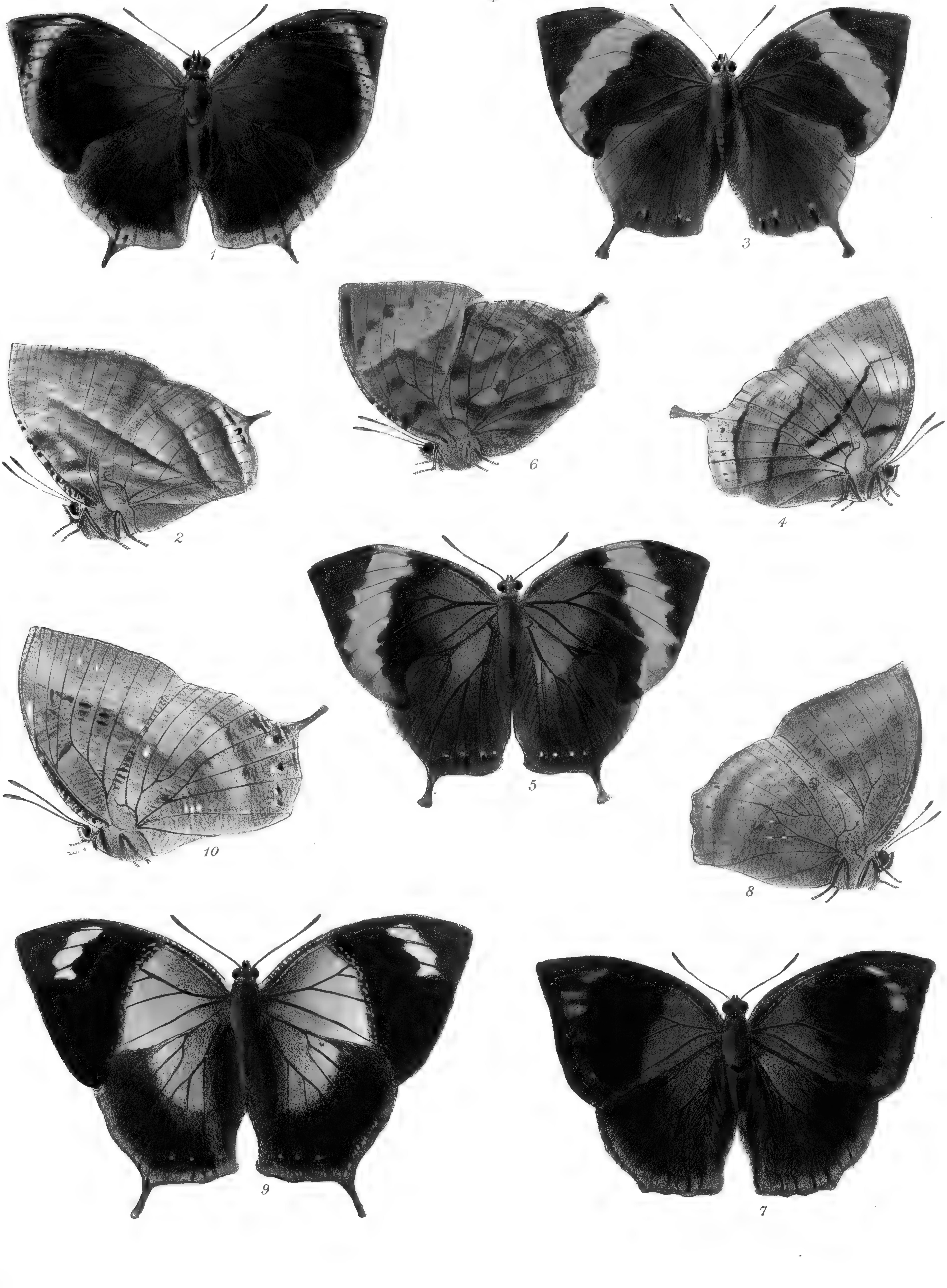
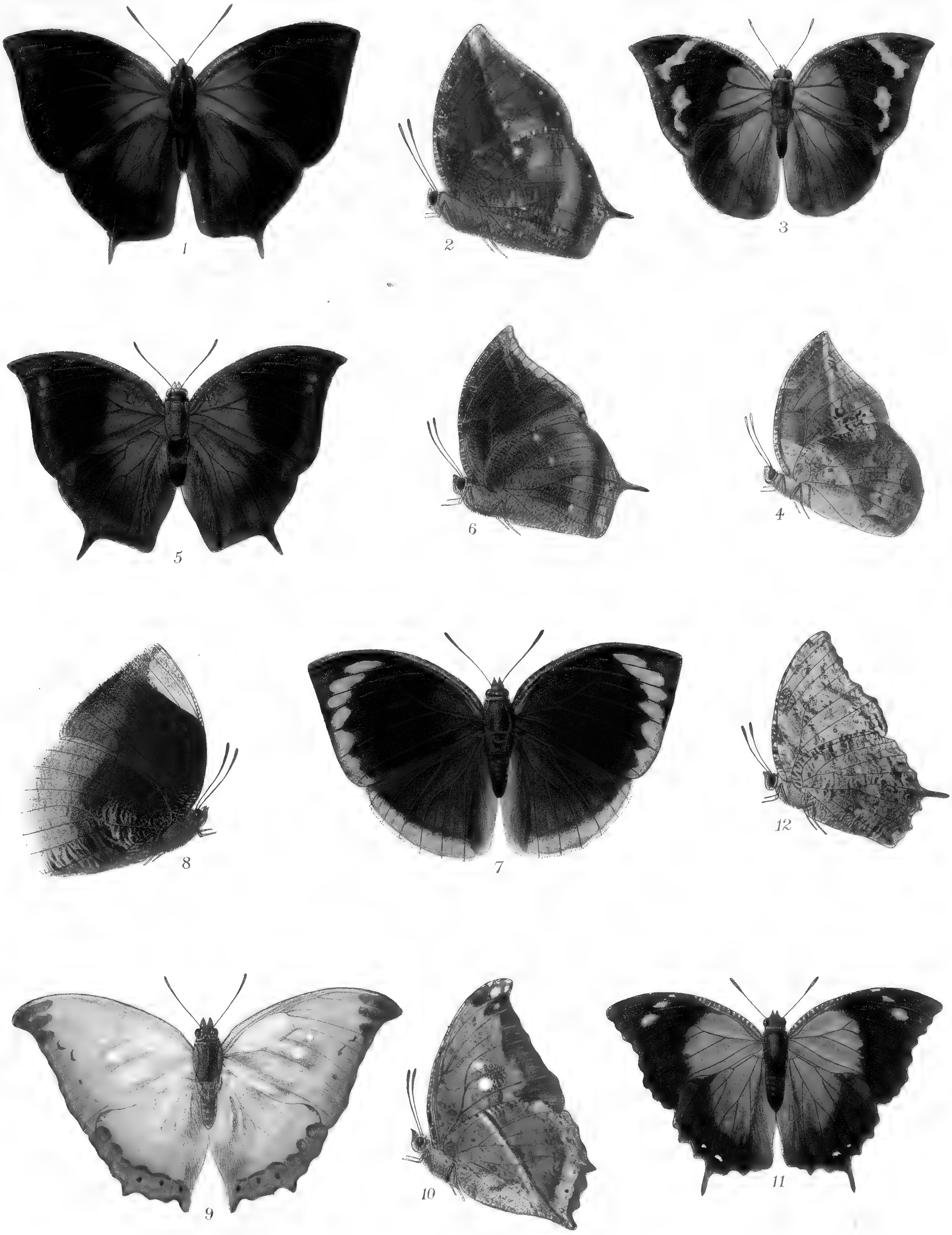


1, 2 ANÆA INDIGOTICA.
3, 4 " ZELICA.
5, 6 ANÆA XENICA.
7, 8 ♂, 9, 10 ♀ " PROSERPINA.

R.H.F. Rippon del. et lith.
Hanhart imp.
68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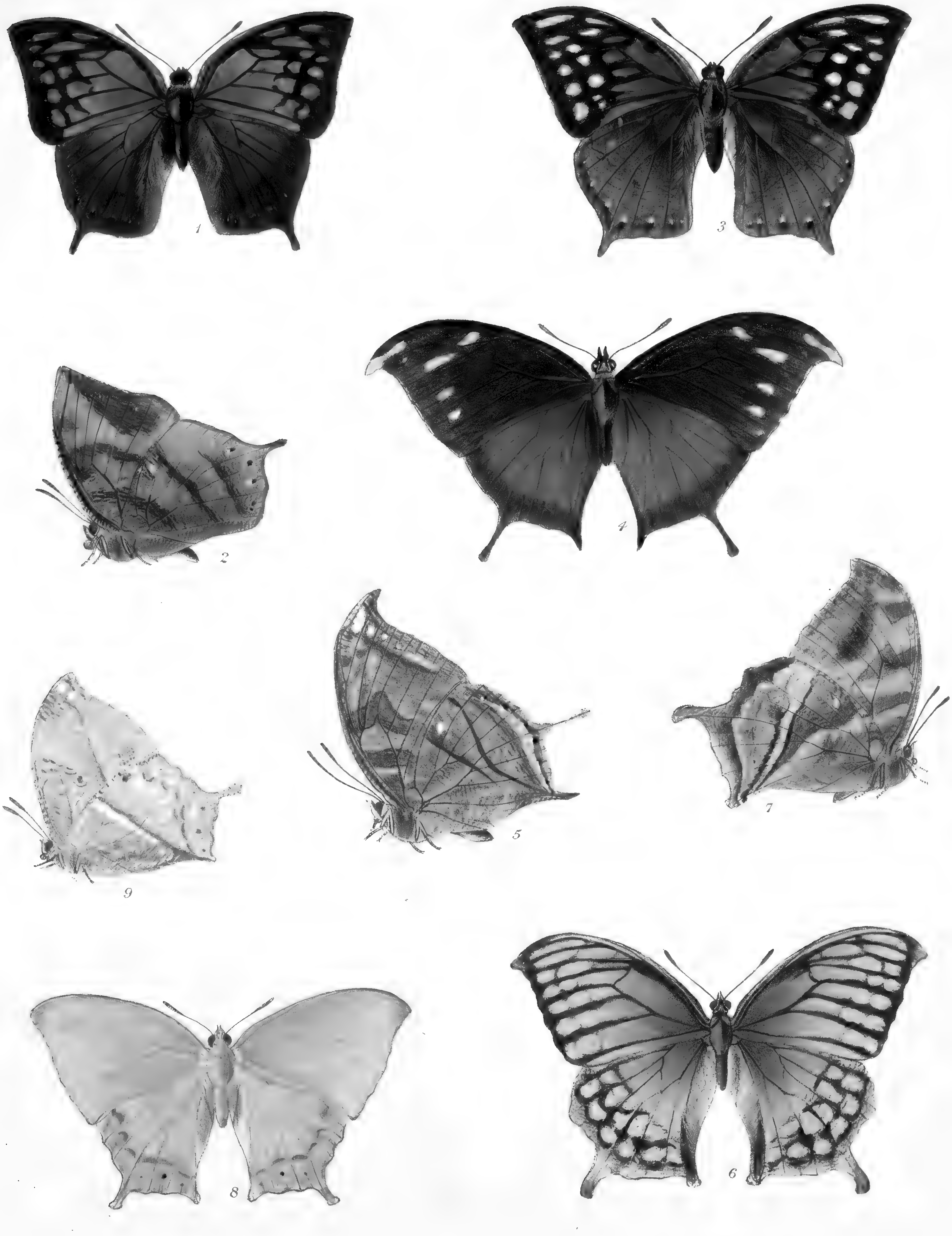
1, 2 ANÆA PROMENÆA.
3, 4 „ FORRERI.

5, 6 ANÆA MORTA.
7, 8 „ DIA.

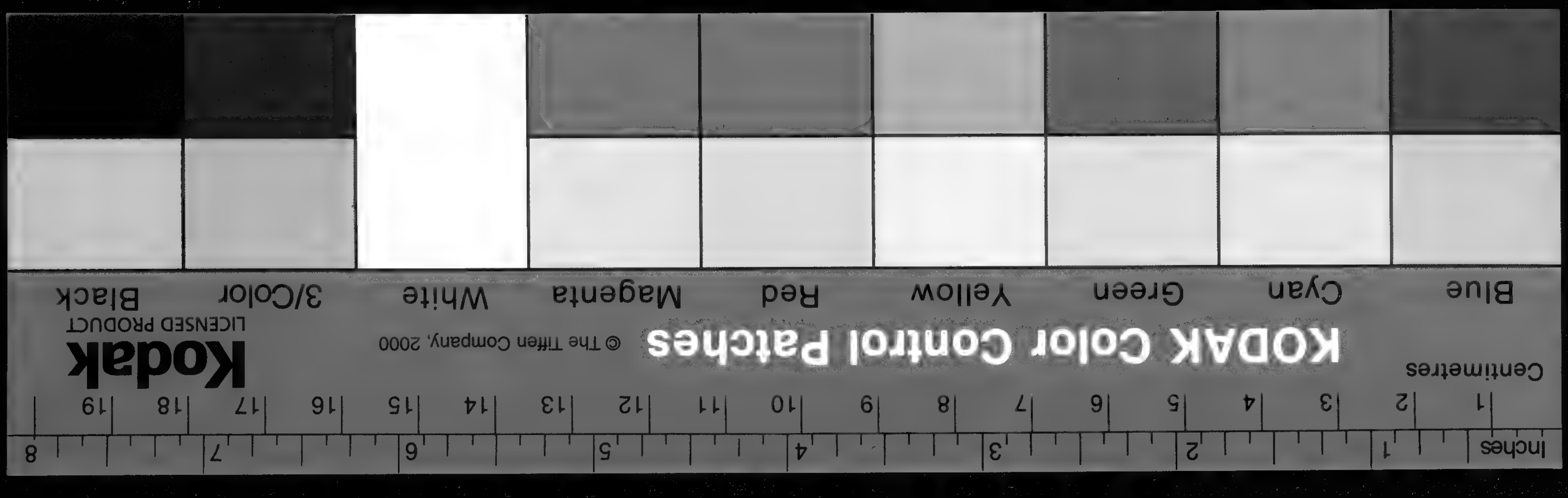
9, 10♂ ANÆA CALLIDRYAS.
11, 12♀ „ ONOPHIS.

W Purkiss lith. Hanhart imp.



1,2♂,3♀ ANÆA NOBILIS. 6,7 A.EXCELLENS.
4,5 „ JANSONI. 8,9 A.CALLIDRYAS.

R.H.F.Rippon del.et lith. Hanhart imp.
40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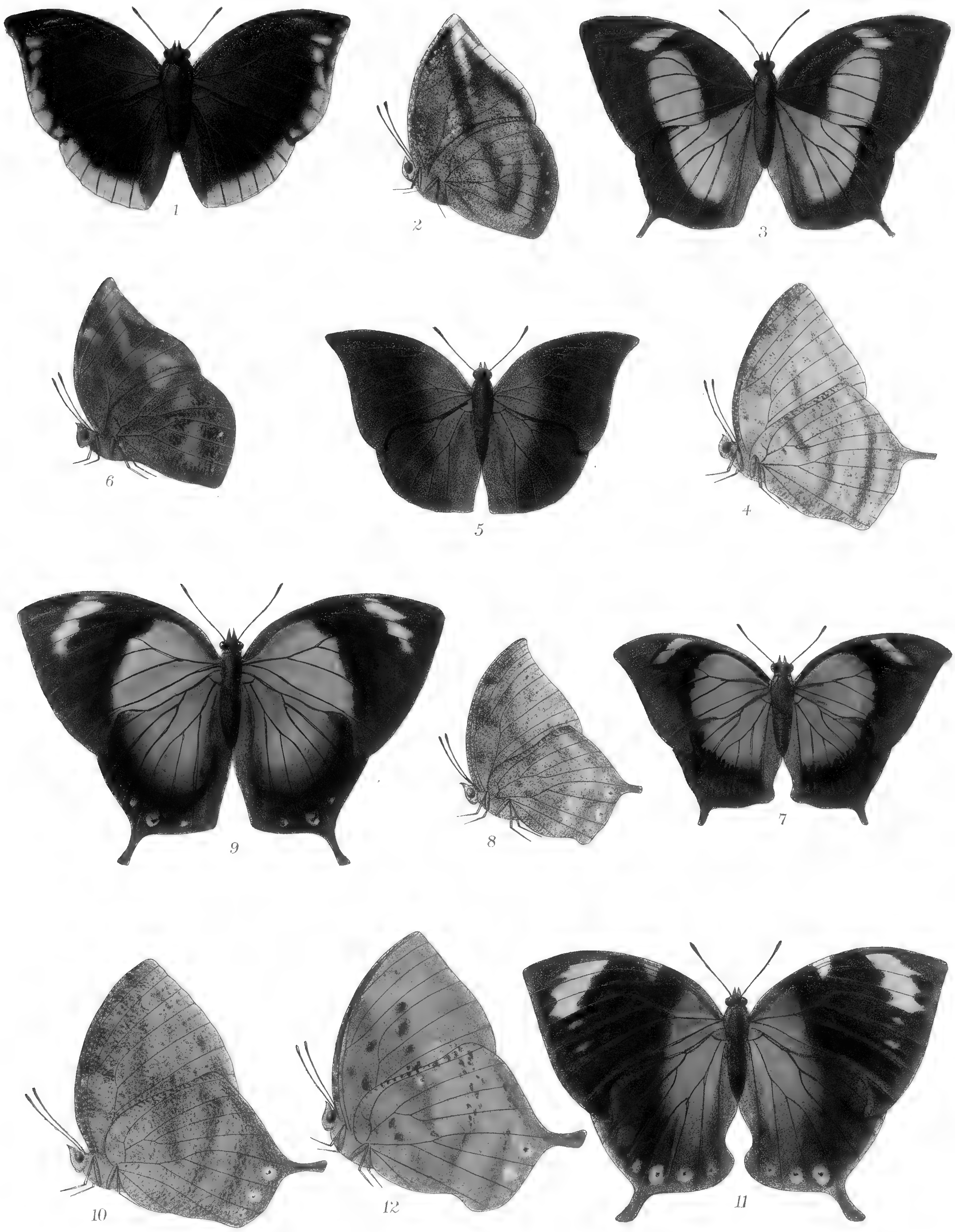
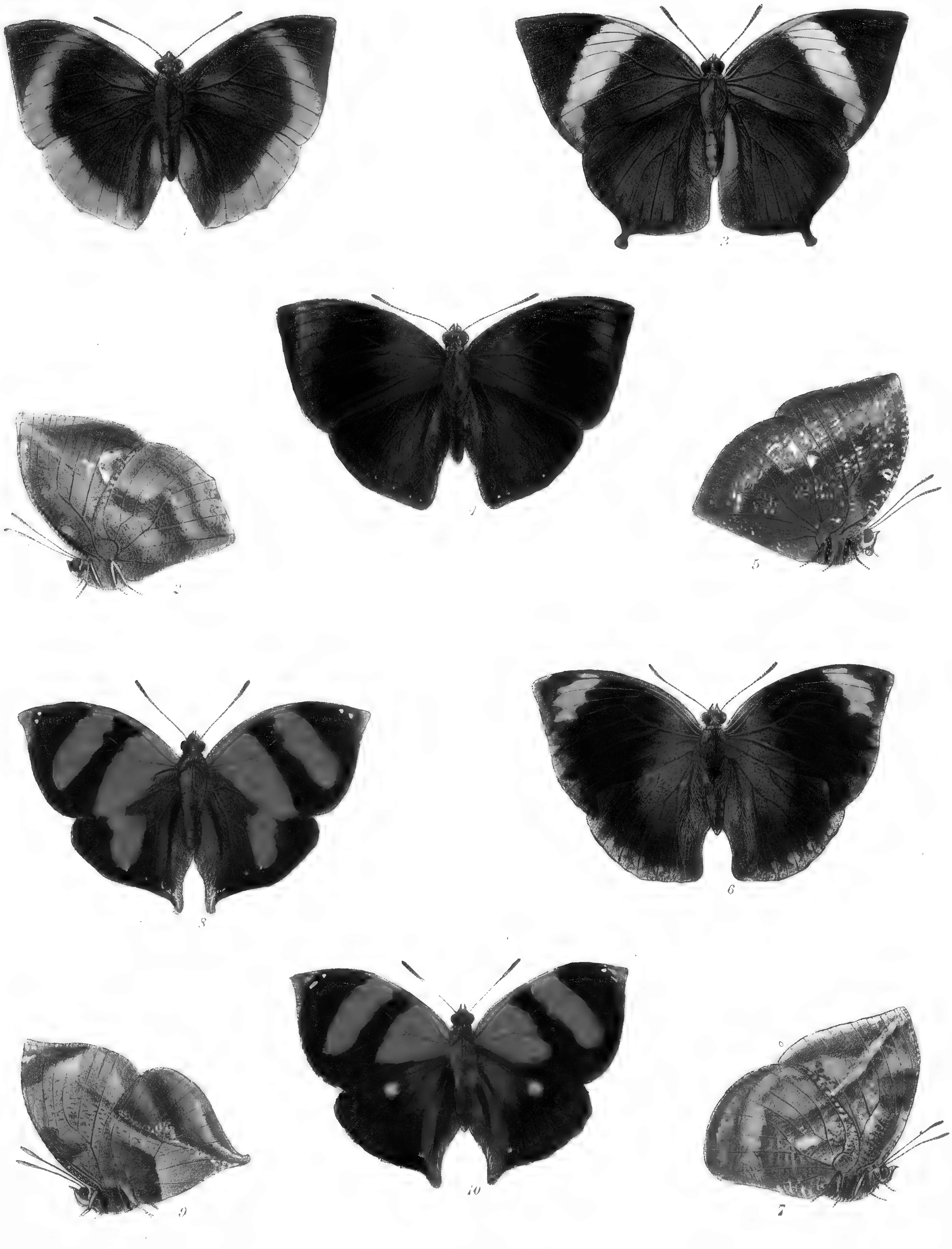
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
Inches



1,2♂,3,4♀ ANEÆA ANASSA. 9,10♀, ANÆA BEATRIX.
5,6♂,7,8♀ " ORTHESIA. 11,12♀. " AMBROSIA.

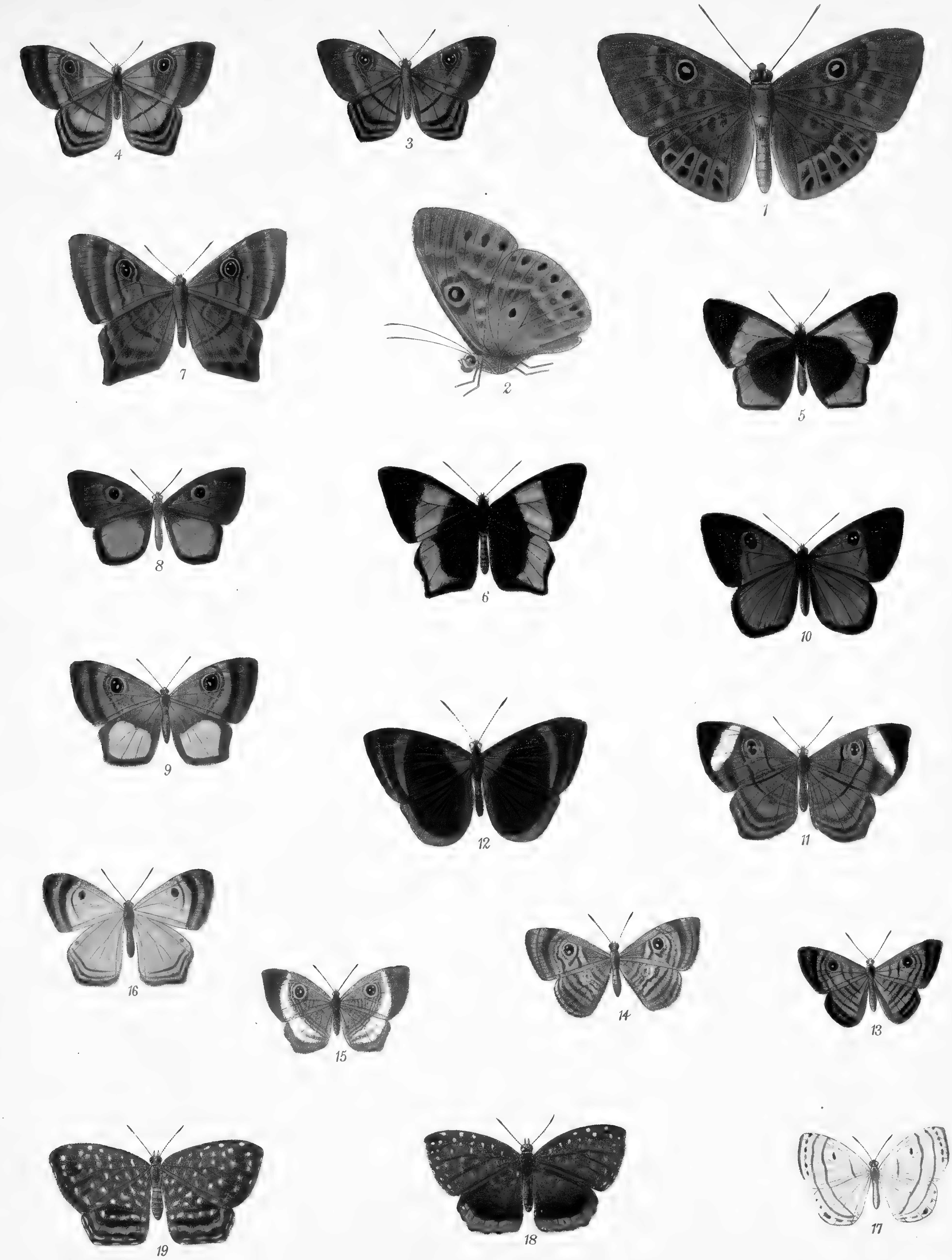
W. Purkiss lith.
Hanhart imp.
354

KODAK Color Control Patches © The Tiffen Company, 2000



1, 2 ♂, 3 ♀ ANÆA AUREOLA.
4, 5 ANÆA LAURA. 8, 9 SIDERONE THEBAIS.
6, 7 „ AMBROSIA. 10 „ IDE.

R.H. Rippon del et lith
Hanhart imp
110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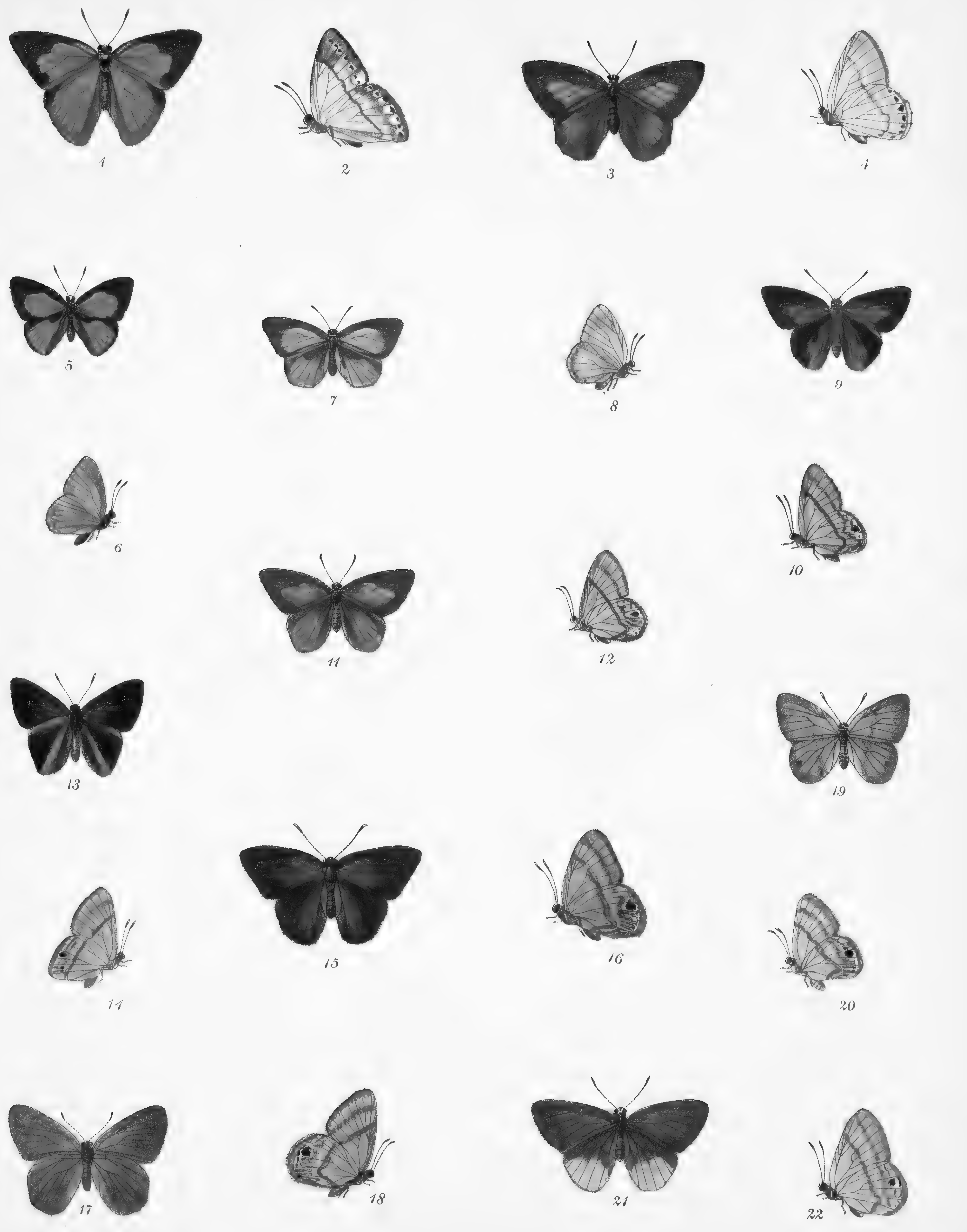
1, 2 EURYBIA PATRONA.
3♂, 4♀ MESOSEMIA TELEGONE.
5 " GAUDIOLUM.
6♂, 7♀ " GRANDIS.

8♂, 9♀ MESOSEMIA CARISSIMA.
10♂, 11♀ " ASA.
12 " CECROPIA.
13♂, 14♀ " HESPERINA.

15♀ MESOSEMIA ZONALIS.
16♀ " CŒLESTIS.
17♀ " VESTALIS.
18♂, 19♀ CREMNA EUCHARILA.

W. Purkiss lith.

Hanhart imp. 375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1, 2 ♂ EURYGONA AURANTIACA.
3, 4 ♀ " RUSSATA.
5, 6 ♂, 7, 8 ♀ " CHRYSIPPE.

9, 10 ♂, 11, 12 ♀ EURYGONA SERGIA.
13, 14 ♂, " HIERONYMI.

15, 16 ♂, 17, 18 ♀ EURYGONA PROCULA.
19, 20 ♀ " INCONSPICUA.
21, 22 ♂ " ATHENA.

W. Purkiss lith.
Hanhart imp.
377.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres
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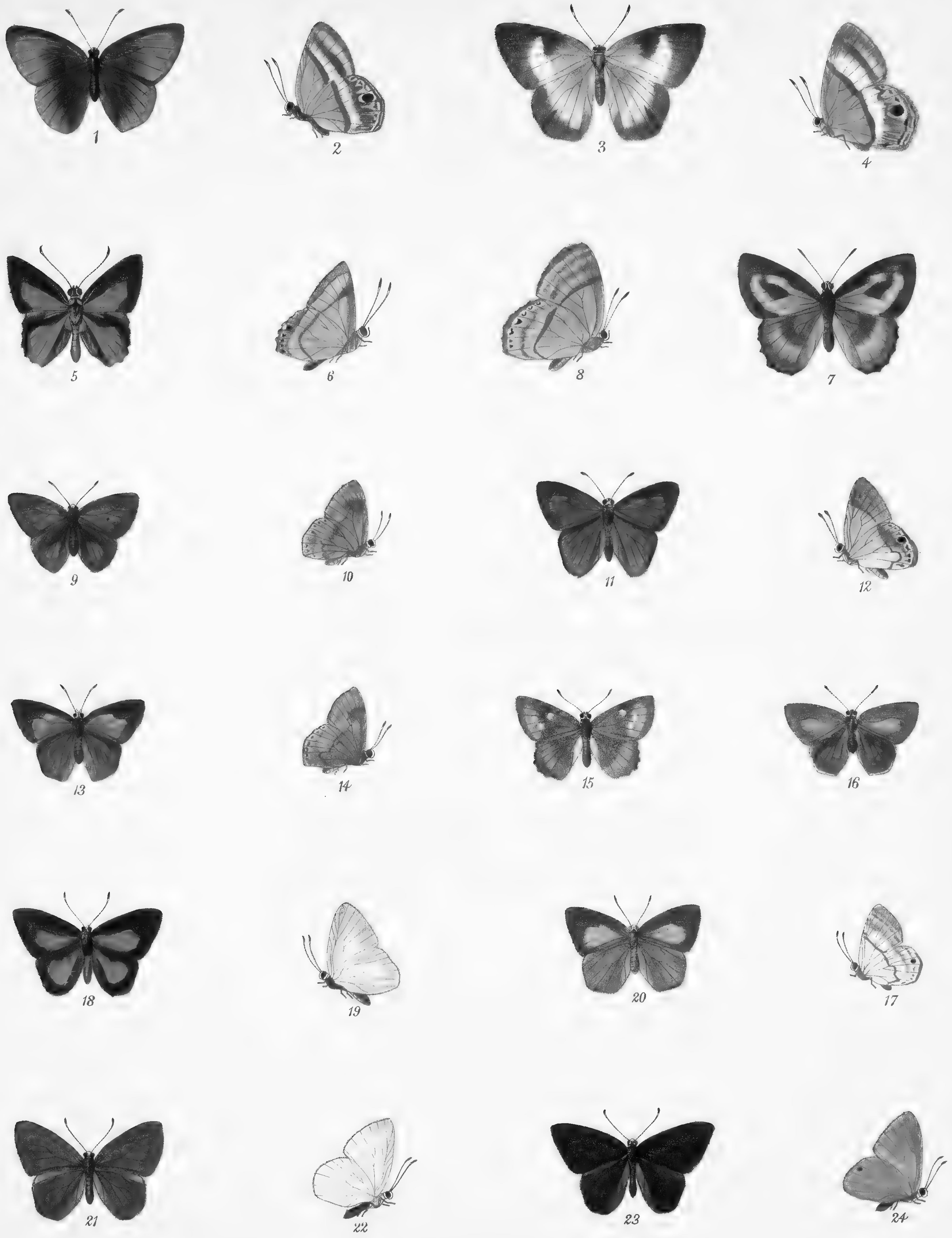
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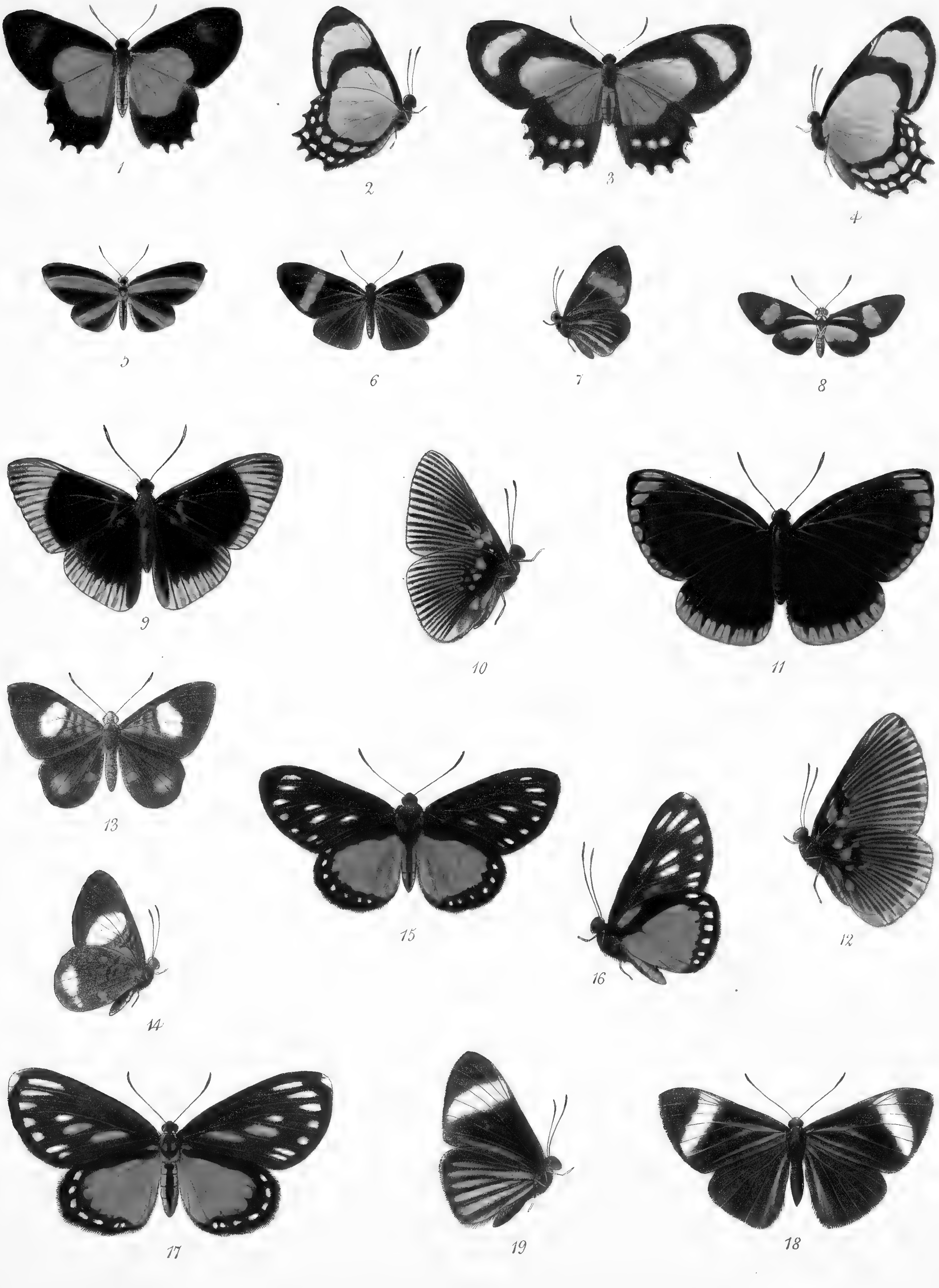
1, 2♂, 3, 4♀ EURYGONA REGIPENNIS.
5, 6♂ " AMPHIDECTA.
7, 8♀ " CROTOPUS.

9, 10♂ EURYGONA HYPOPHÆA.
11, 12♂ " LEUCORRHOA.
13, 14♂, 15♀ " EUBULE.
16, 17 " PUSILLA.

18, 19♂, 20♀ EURYGONA AURANTIA.
21, 22 " CATALEUCA.
23, 24 " BETTINA.

W. Purkiss lith.
Hanhart imp
376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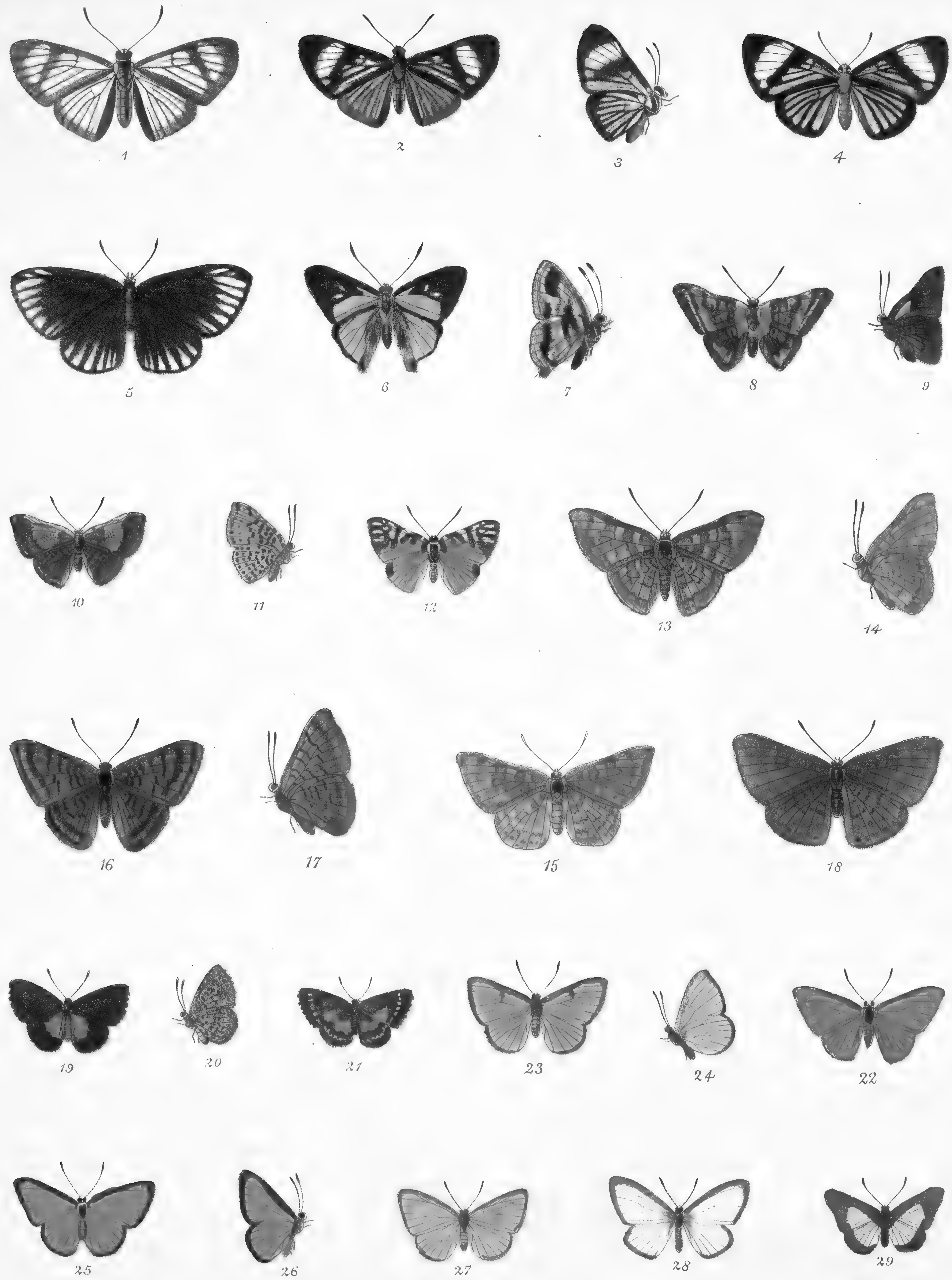
1, 2♂, 3, 4♀ METHONELLA CHRYSOMELA.
5 LIMNAS MELANOCHLORA.
6, 7 ESTHEMOPSIS CÆRULEATA.

8. CHAMÆLIMNAS VILLAGOMES.
9, 10♂, 11, 12♀ LYROPTERYX CLEADAS.

13, 14 CYRENIA PYRIPPE.
15, 16♂, 17, ♀ ITHOMEIS IMITATRIX.
18, 19. ESTHEMOPSIS ALICIA.

W. Purkiss lith.
Hanhart imp.
383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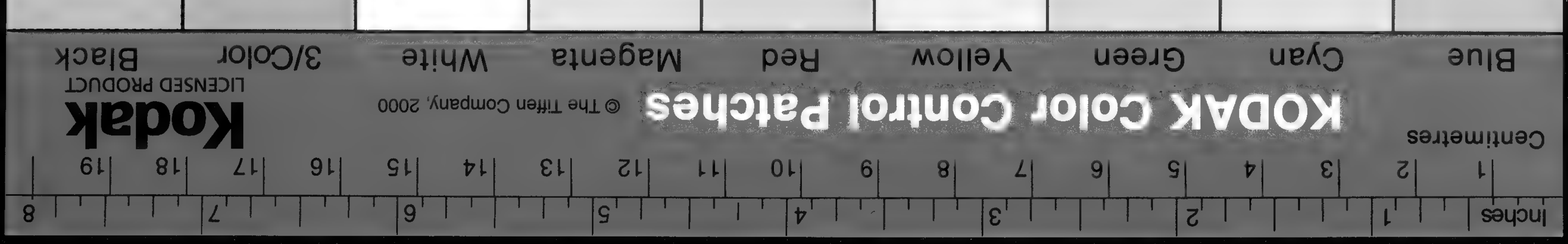
1 TMETOGLENE DINORA.
2, 3♂, 4♀ „ DODONE.
5♀ ESTHEMOPSIS (?) RADIATA.
6, 7. ANTEROS RENALDUS.
8, 9. SYMMACHIA LAMPETO.

10 11 SYMMACHIA RHACOTIS.
12 „ RUBINA.
13, 14♂, 15♀ EMESIS LUPINA.
16, 17♂, 18♀ „ ÆTHALIA.

19, 20♂, 21♀ MESENE IGNICAUDA.
22♂, 23, 24♀ „ RUBELLA.
25, 26♂, 27♀ „ CROCELLA.
28 „ ARGENTEA.
29 „ SILARIS

W. Purkiss lith.

Hanhart imp.
386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KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
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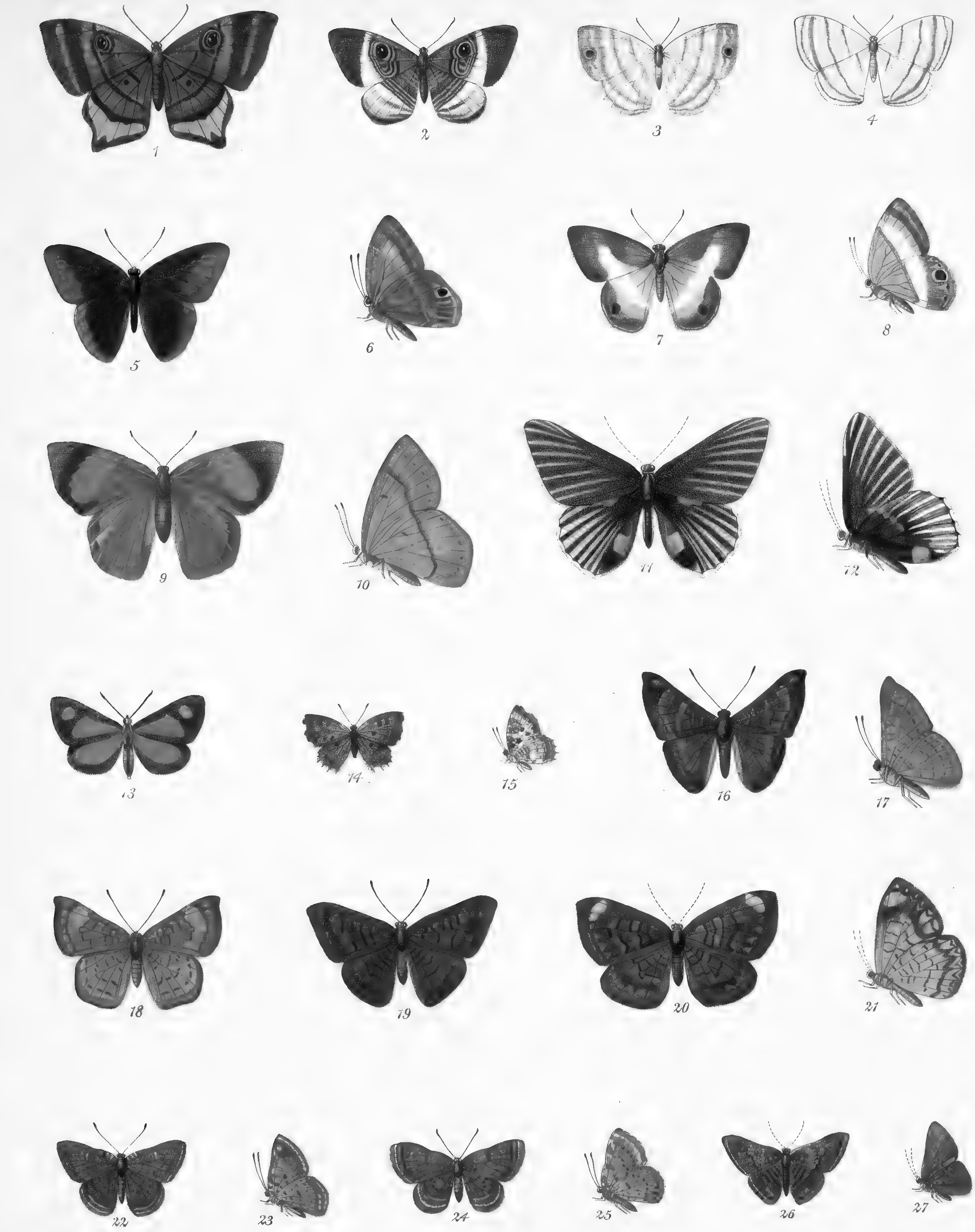
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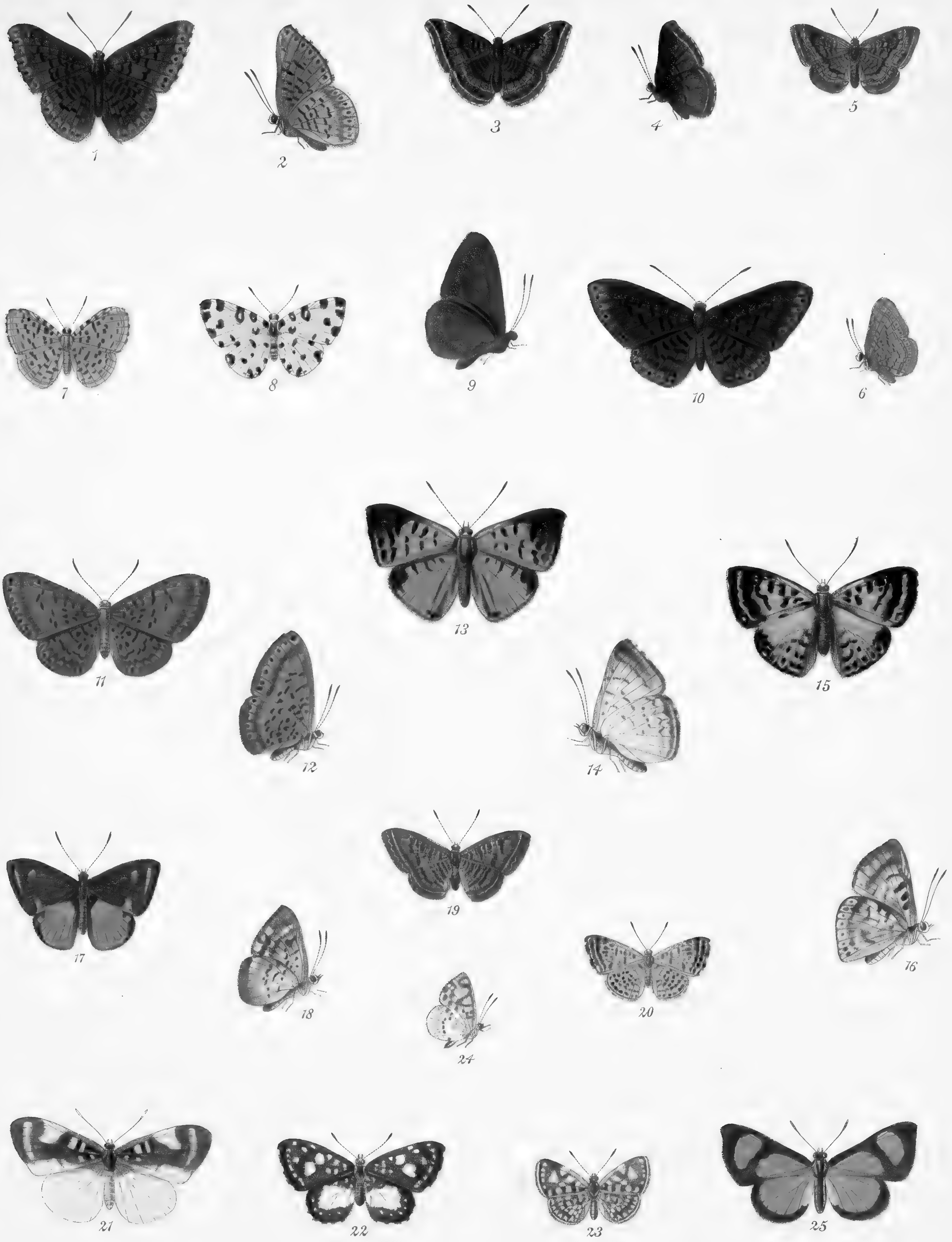
1♀ MESOSEMIA GAUDIOLUM.
2♂ " ZONALIS.
3 " LEPIDA.
4 " NIVALIS.

5, 6♂, 7, 8♀ EURYGONA EUPEPLA.
9, 10♀ " AURANTIACA.
11, 12 NECYRIA LARUNDA.
13 LEPRICORNIS BICOLOR.
14, 15 ANTEROS PSAROS.

16, 17♂, 18♀ EMESIS TENEDIA.
19♂, 20, 21♀ " LIODES
22, 23♂, 24 25♀ SYMMACHIA INO.
25, 26 " HARMONIA.

W. Purkiss lith.
Hanhart imp.
410.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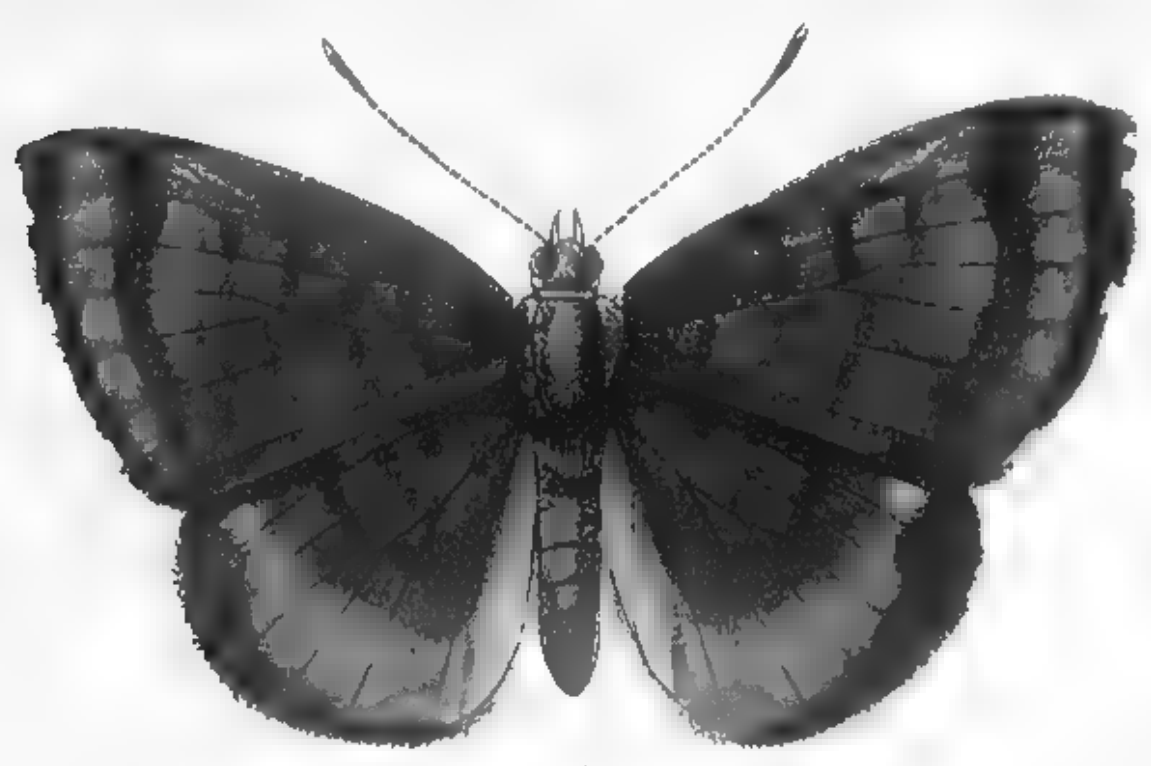
1, 2 CHARIS CADMEIS.
3, 4 " VELUTINA.
5, 6 " ARGYRODINES.
7 " HOLOSTICTA.
8 " OCHRIAS.
9, 10♂, 11, 12♀ METACHARIS NIGRELLA.
13, 14 THAROPS ISTHMICA.
15, 16 " PURPURATA.
17, 18 LEMONIAS PELARGE.
19 " DENSIMACULATA.
20 LEMONIAS GLAUCA.
21 " LILINA.
22 " THEAGES.
23, 24 CHARIS PŒCILOPTERA.
25 PACHYTHONE GIGAS.

W. Purkiss lith.

Hanhart imp.
411.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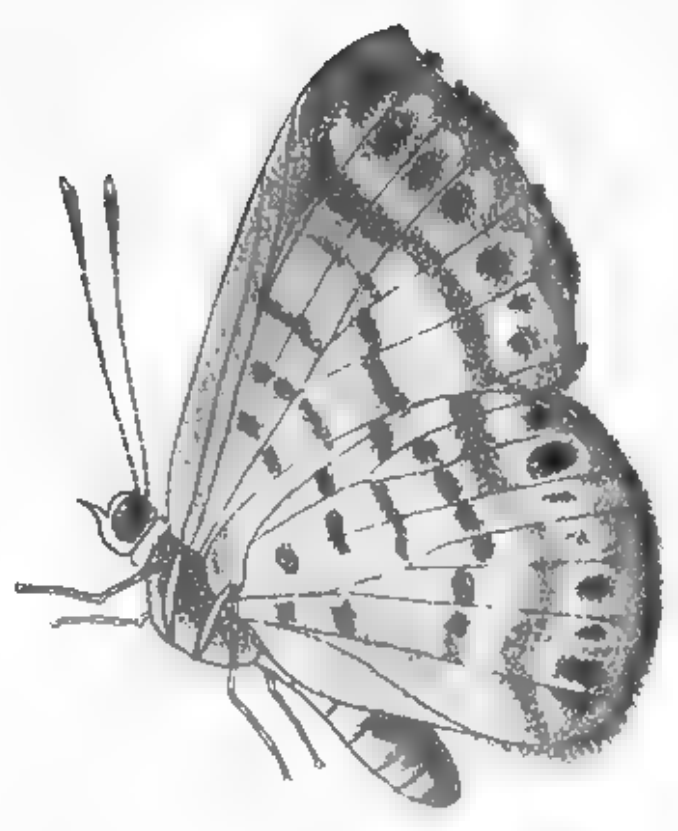
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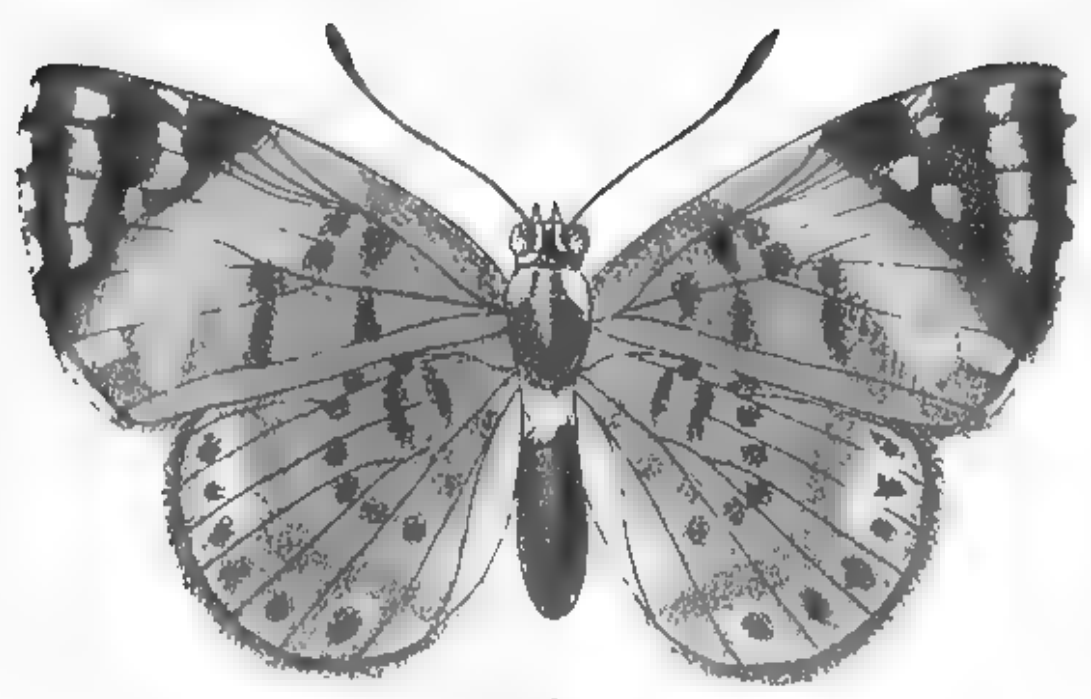
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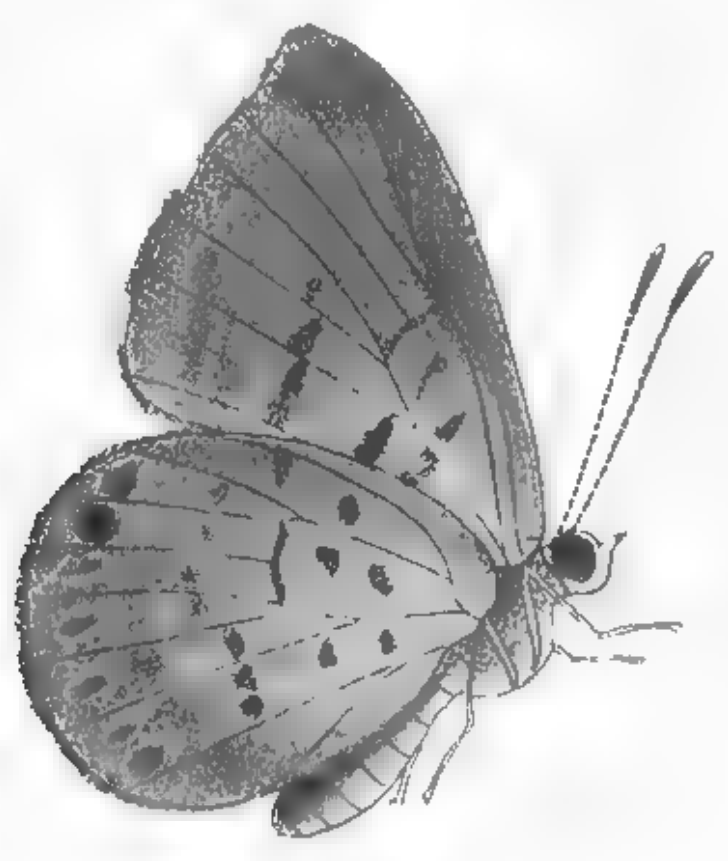
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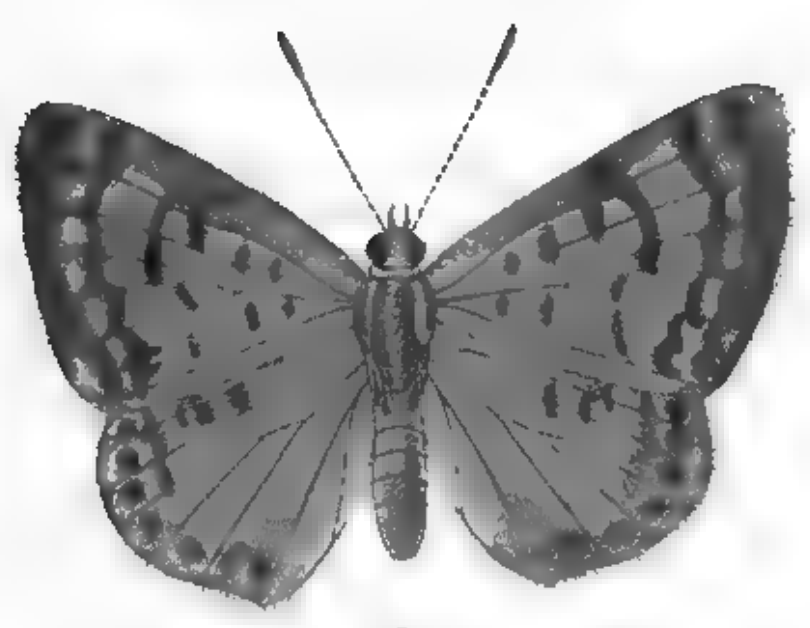
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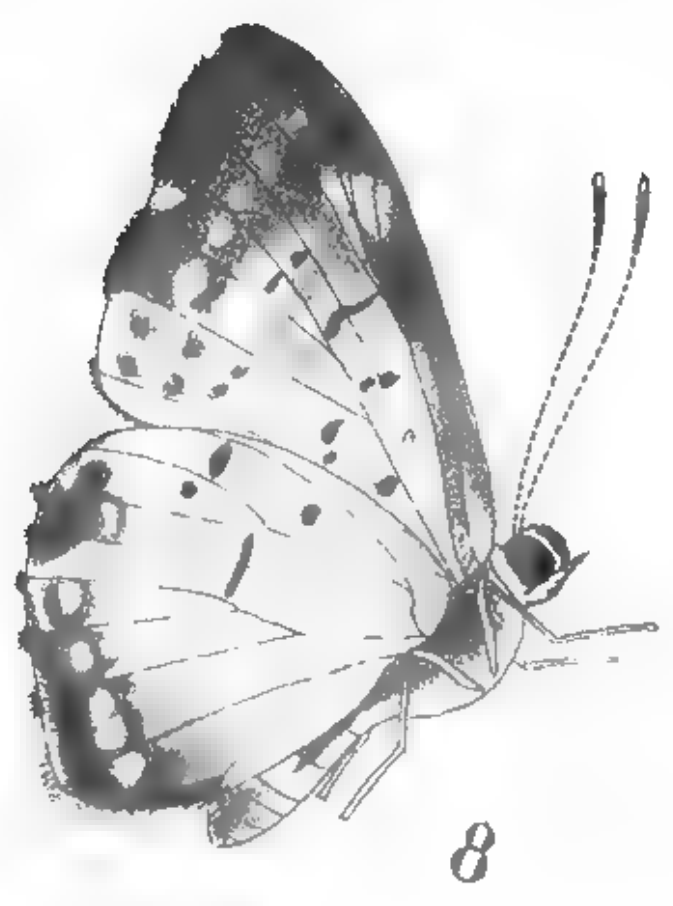
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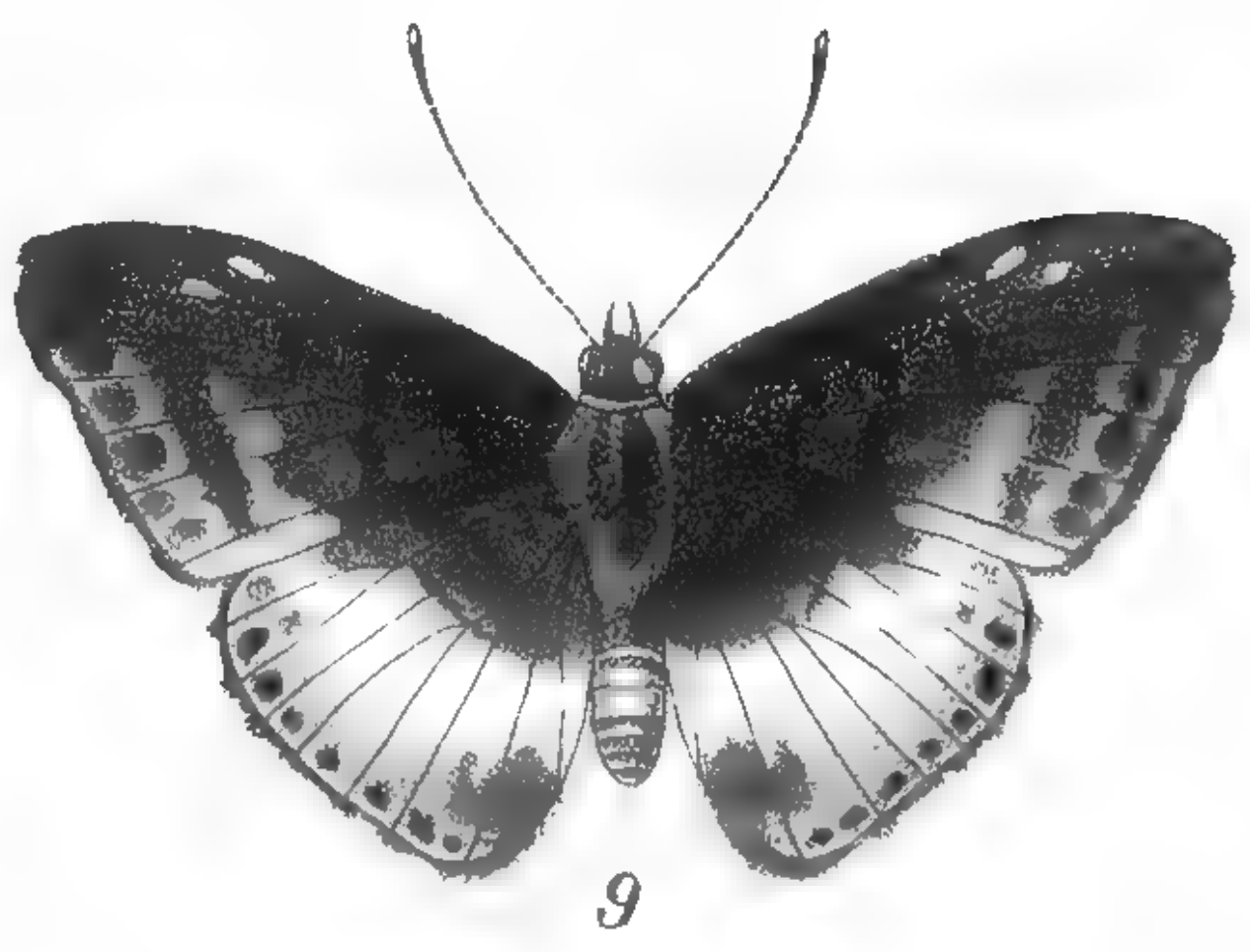
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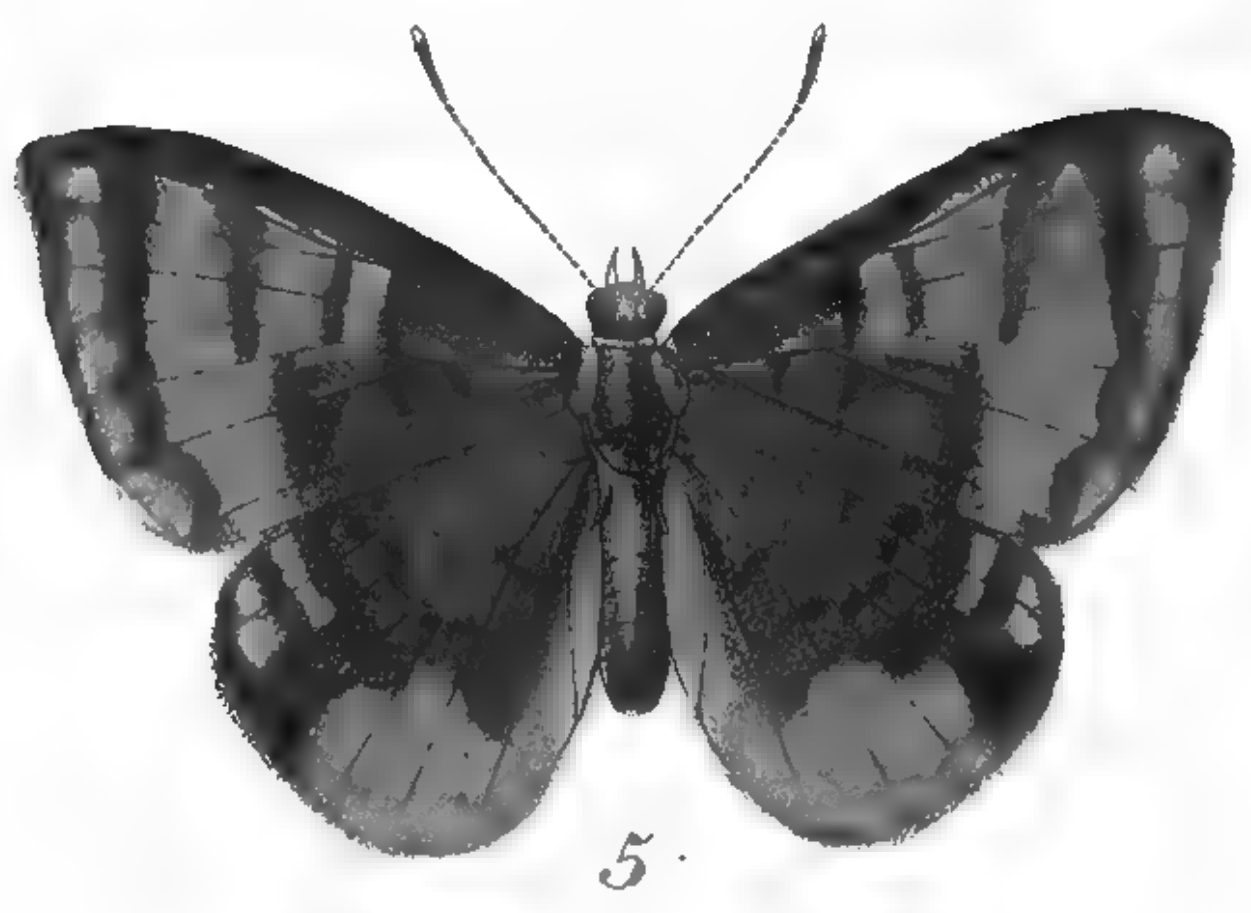
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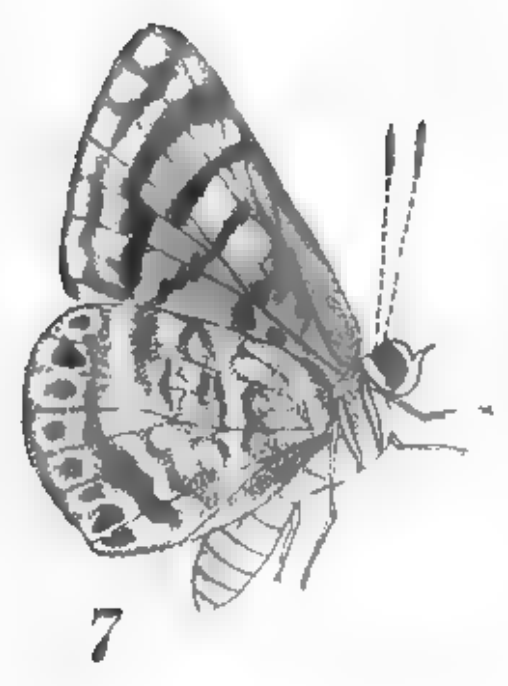
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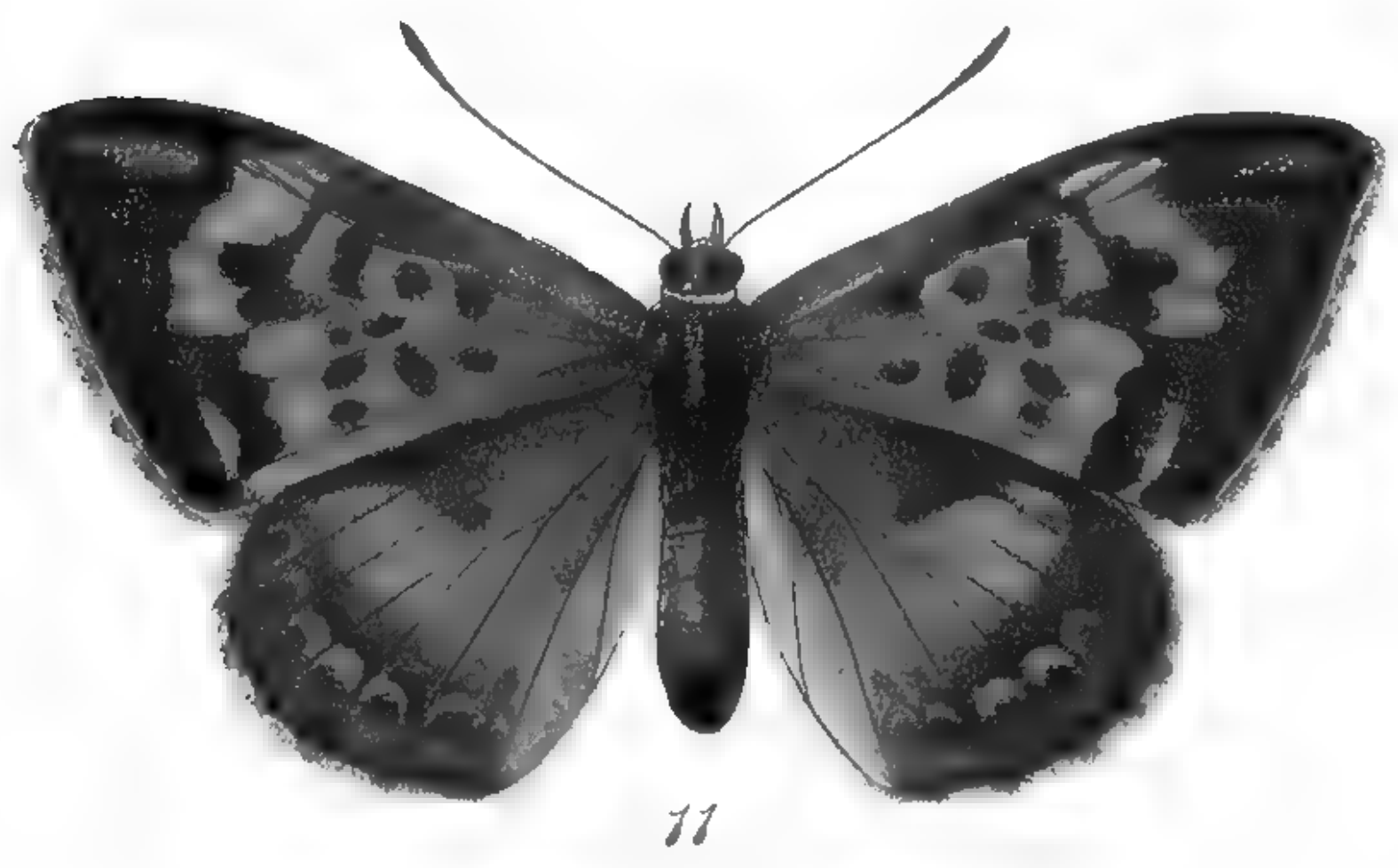
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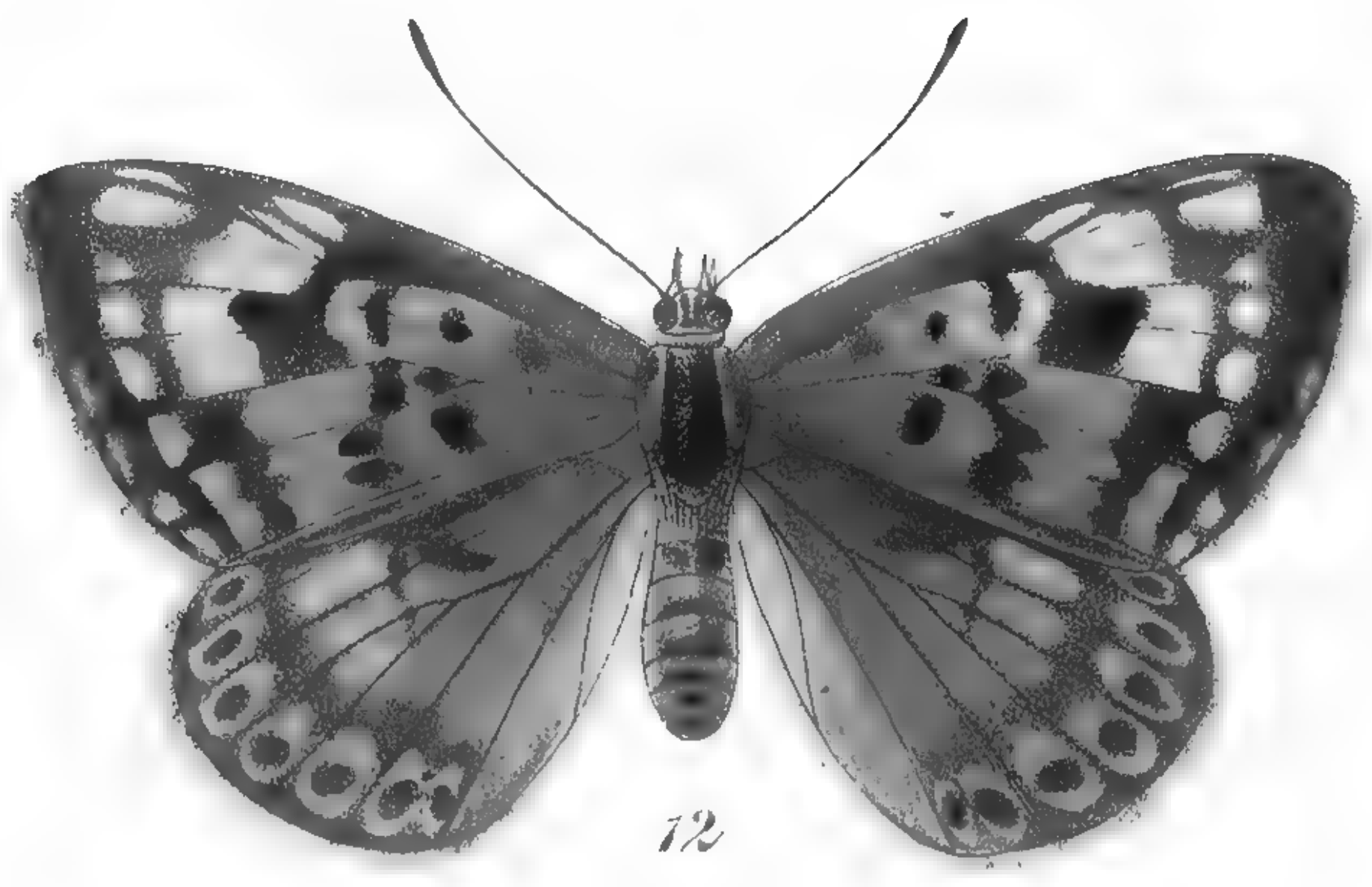
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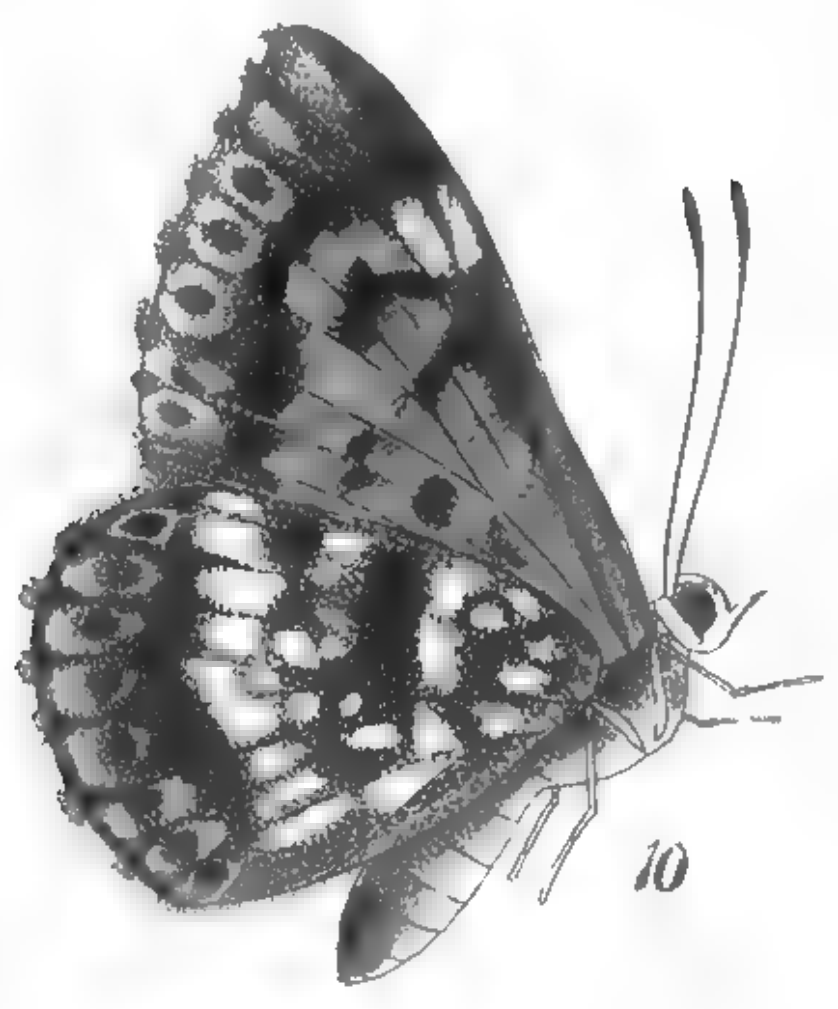
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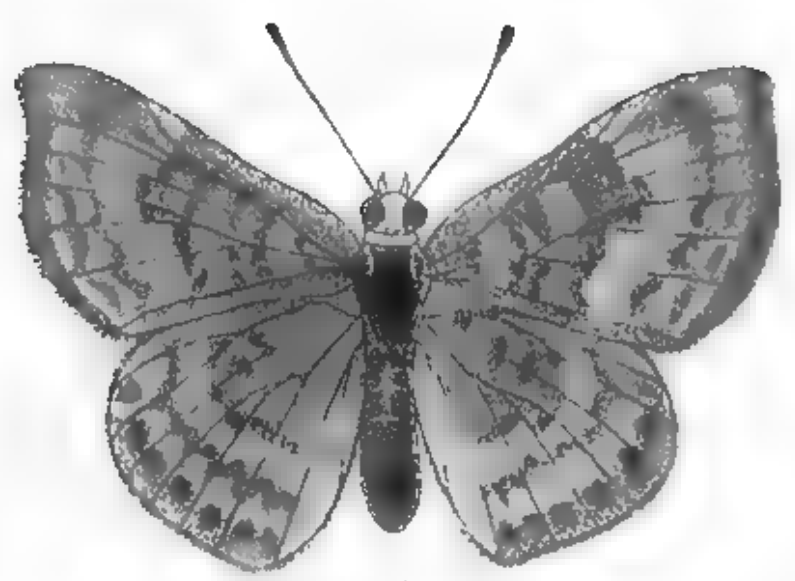
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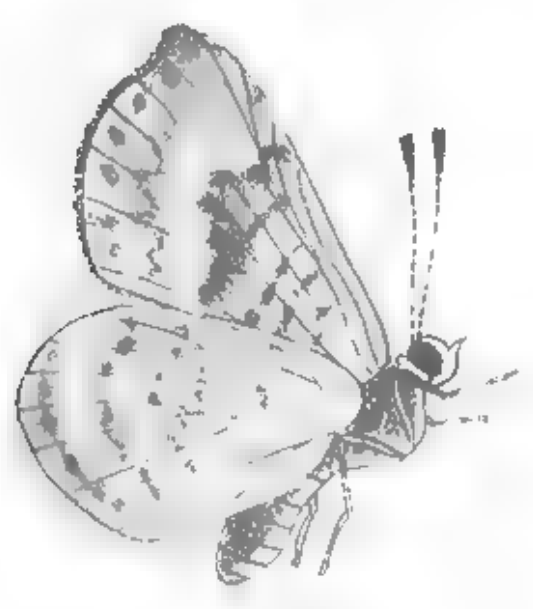
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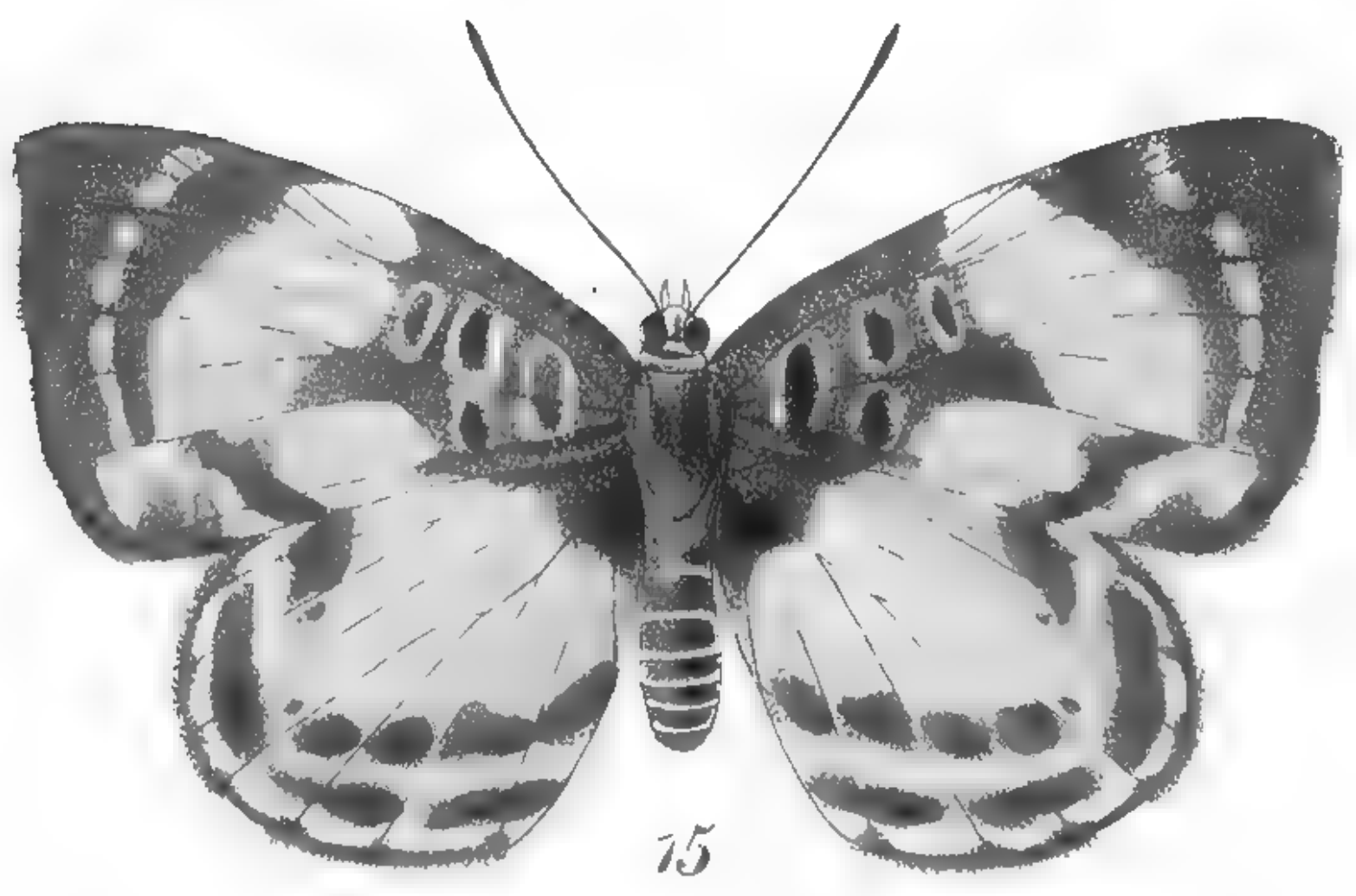
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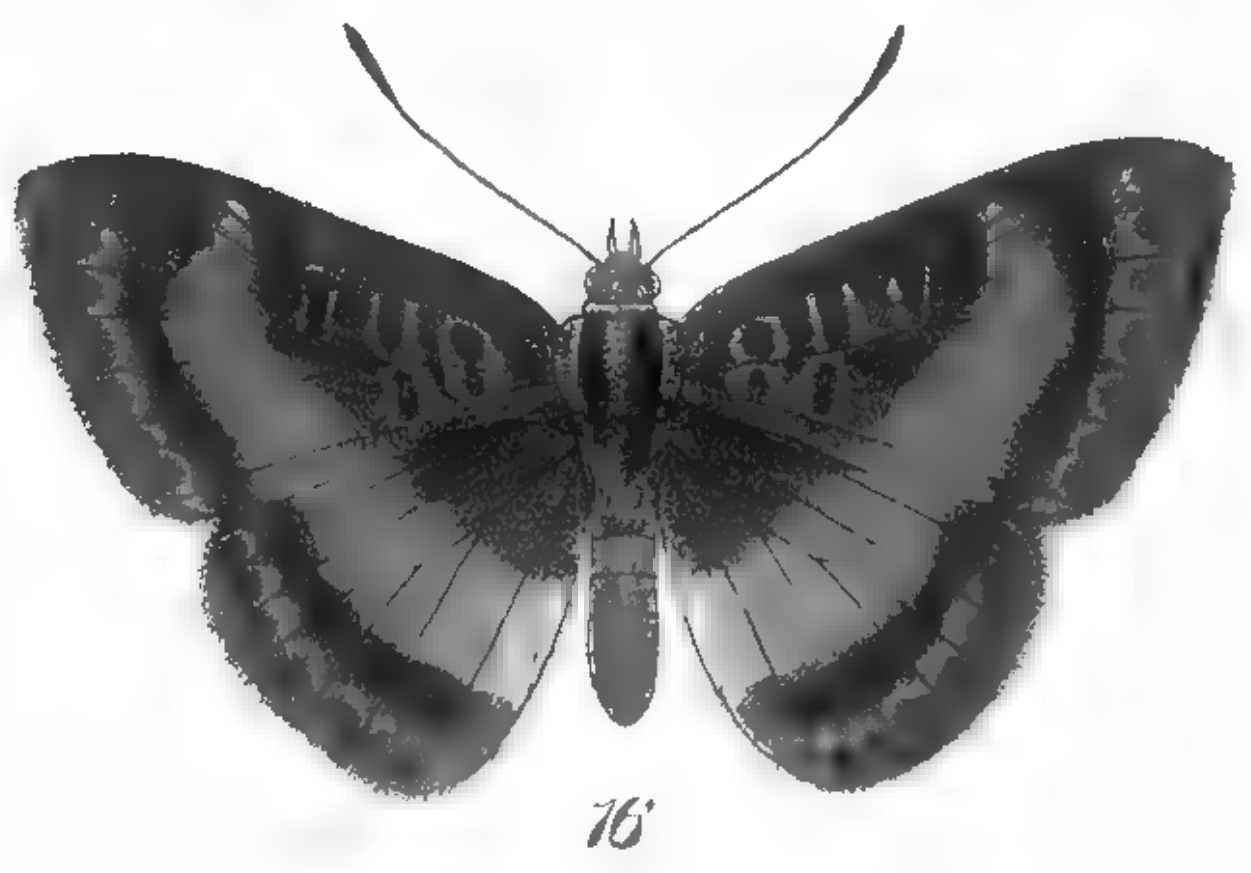
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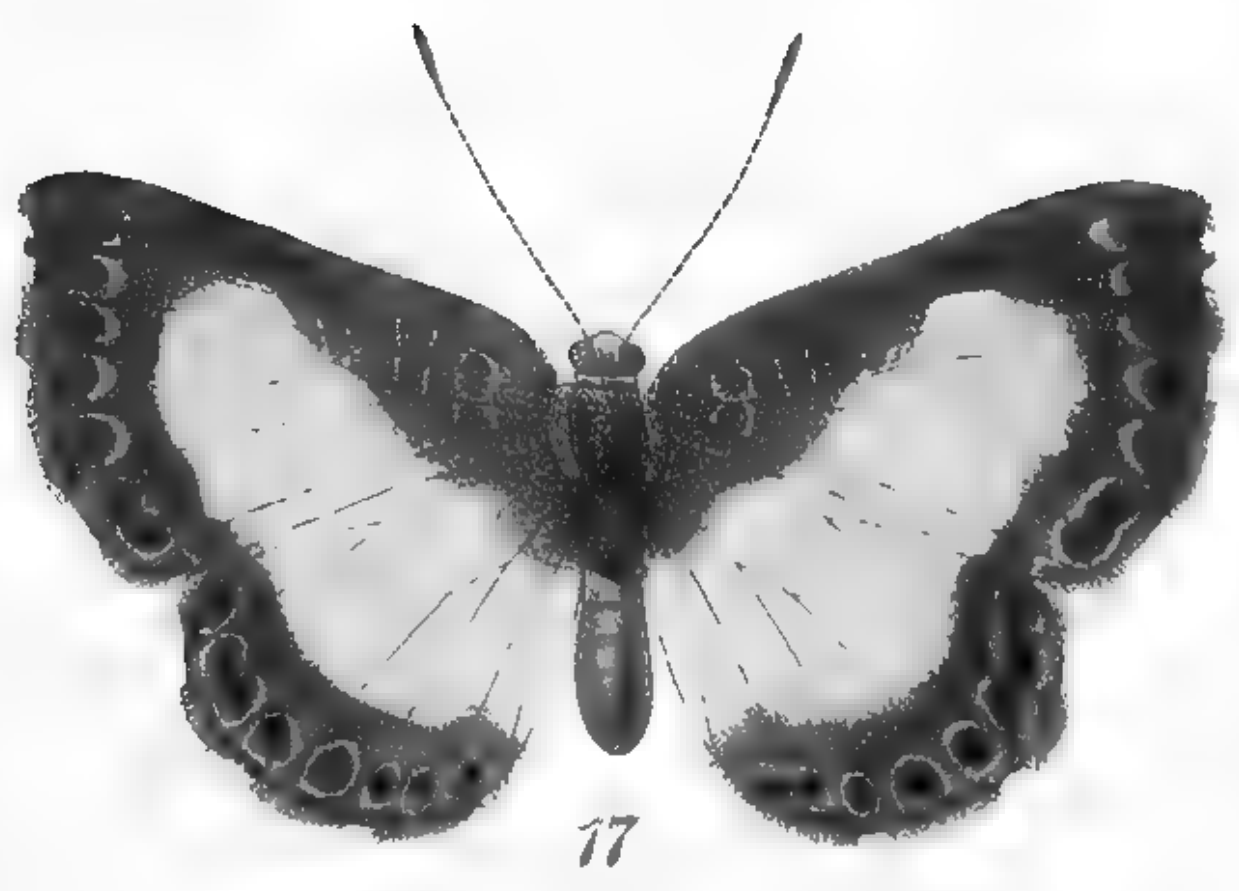
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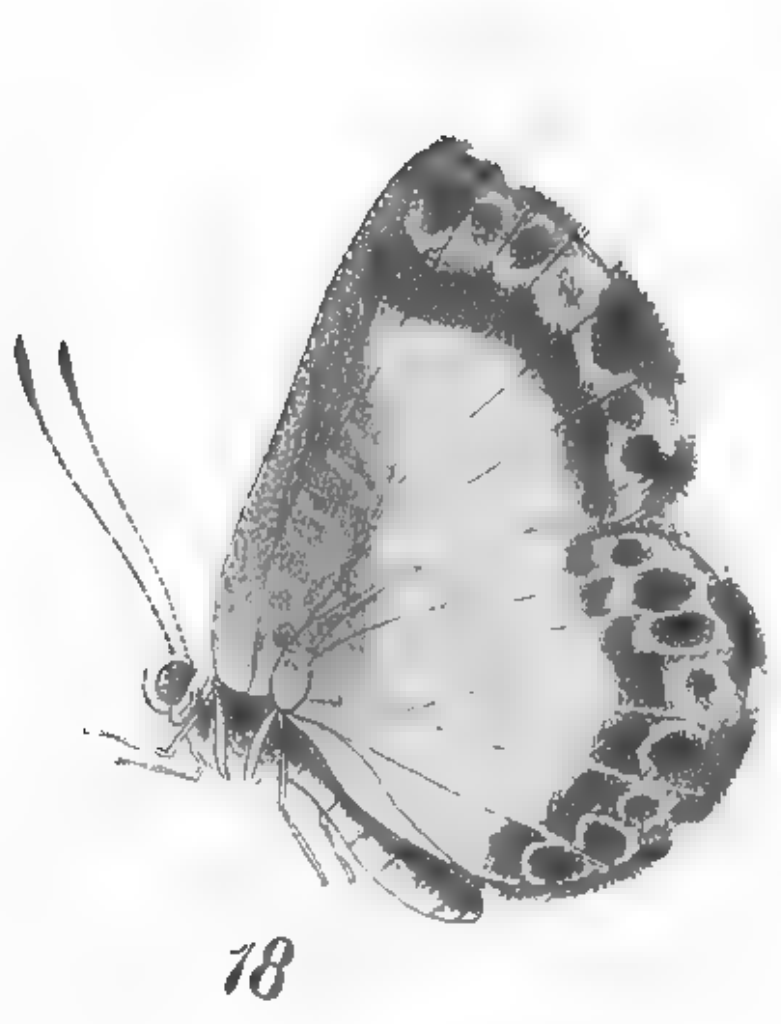
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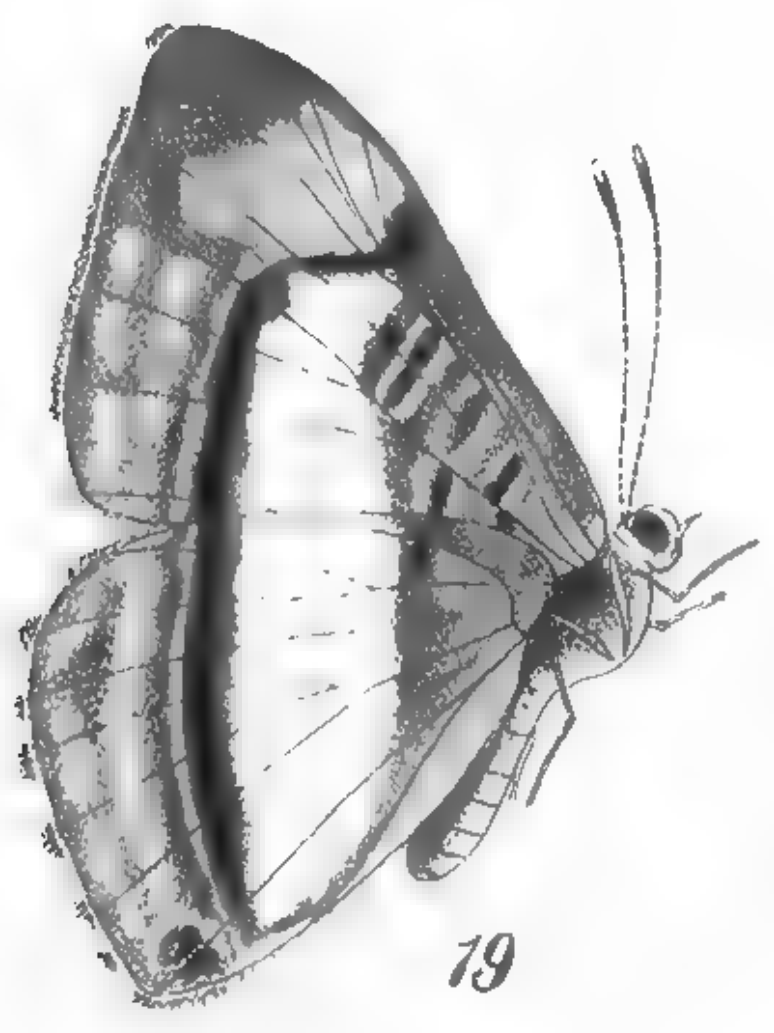
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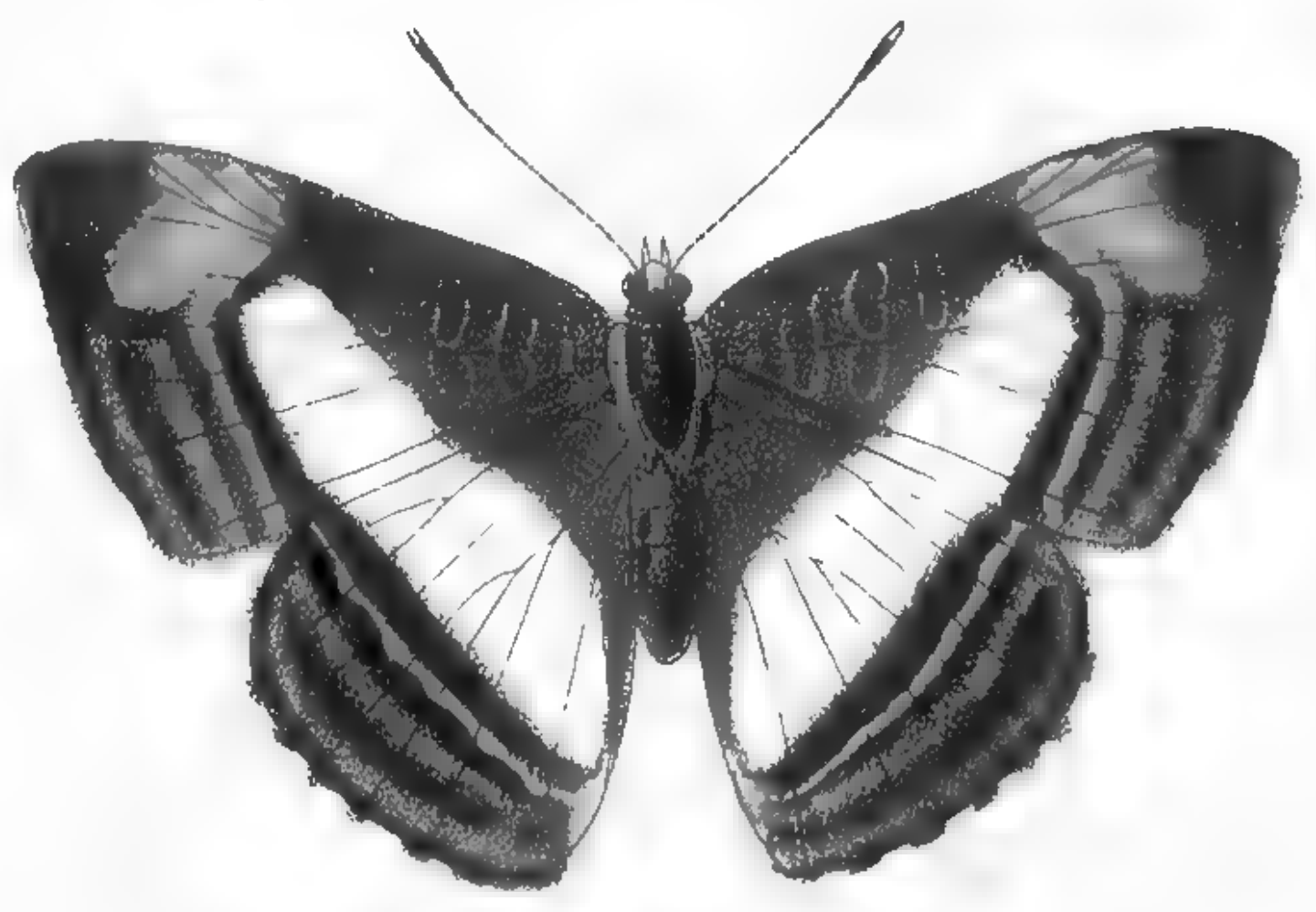
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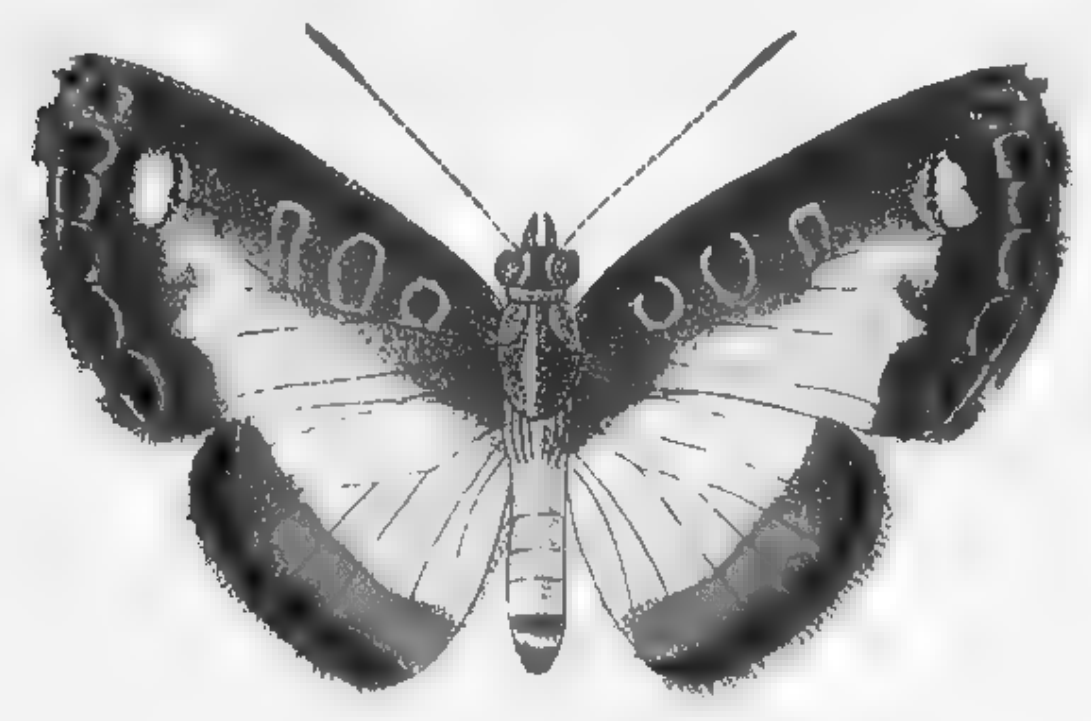
1, 2♂, 3♀ LEMONIAS LASTHENES.
4, 5 „ ZEURIPPA.
6, 7 „ EROSTRATUS.

8, 9 LEMONIAS LABOTAS.
10, 11♂, 12♀ „ DOMINA.
13, 14 „ HYPOGLAUCA.
15 NYMPHIDIUM PRÆCLARUM.

16 NYMPHIDIUM DORILIS.
17, 18 „ IPSEA.
19, 20 „ VELABRUM.

W. Purkiss lith.

Hanhart imp.
412.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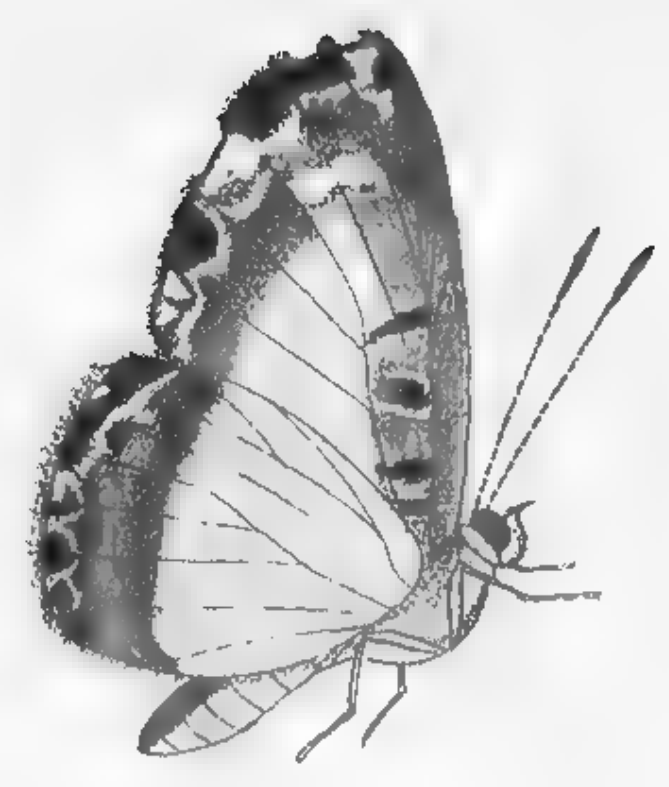
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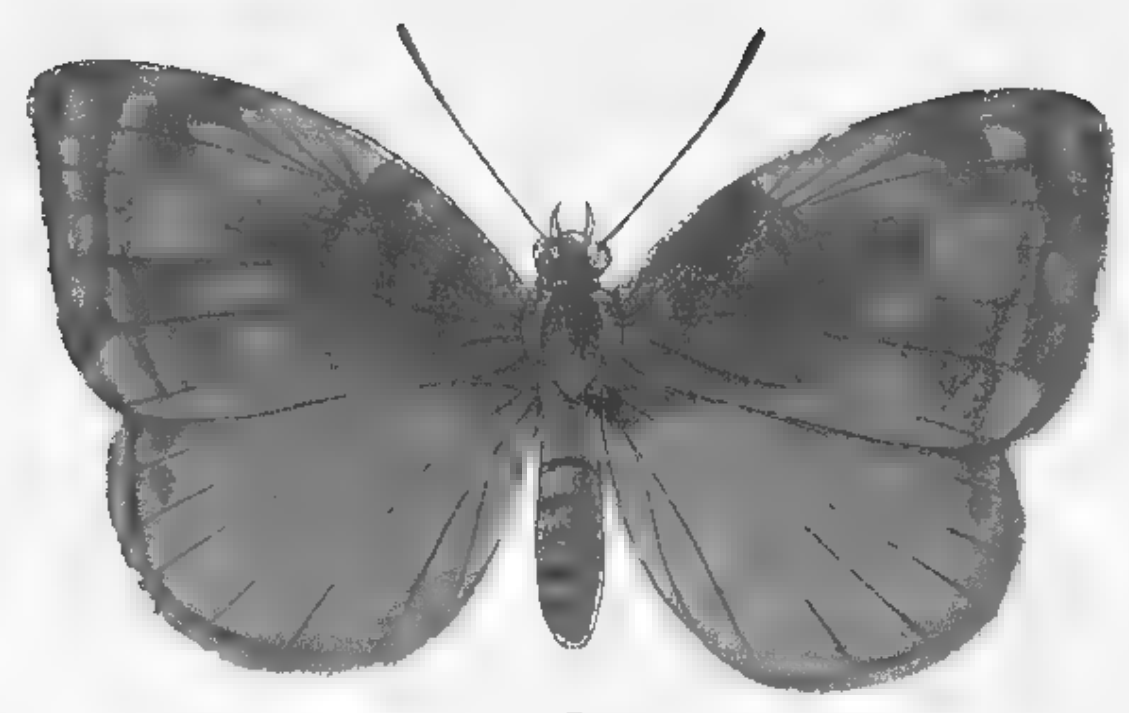
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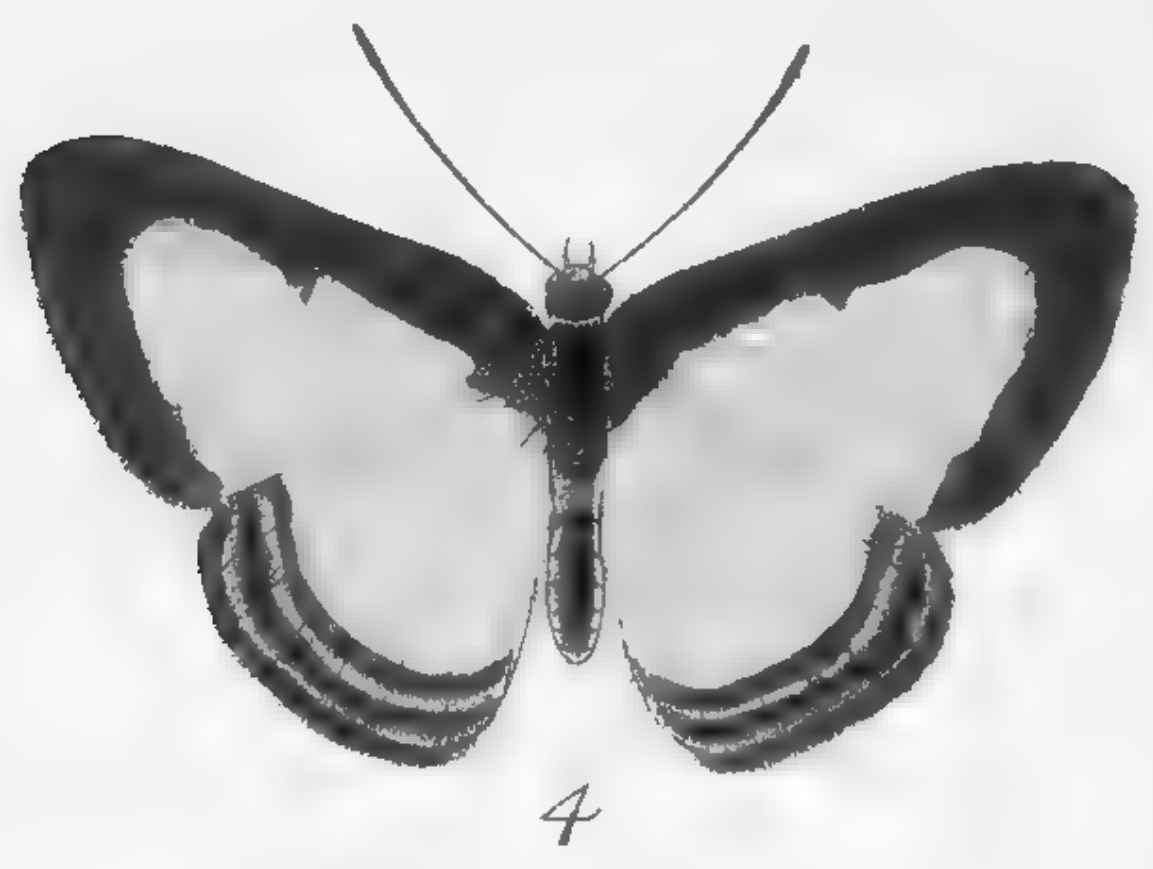
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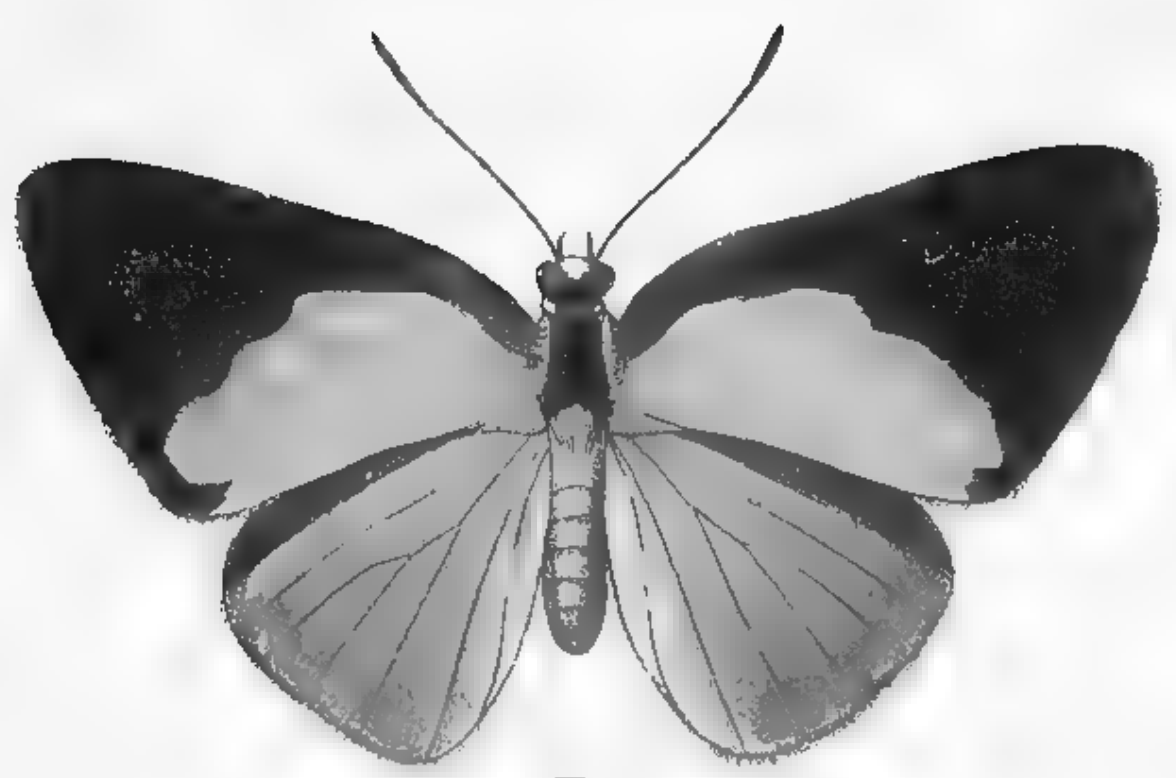
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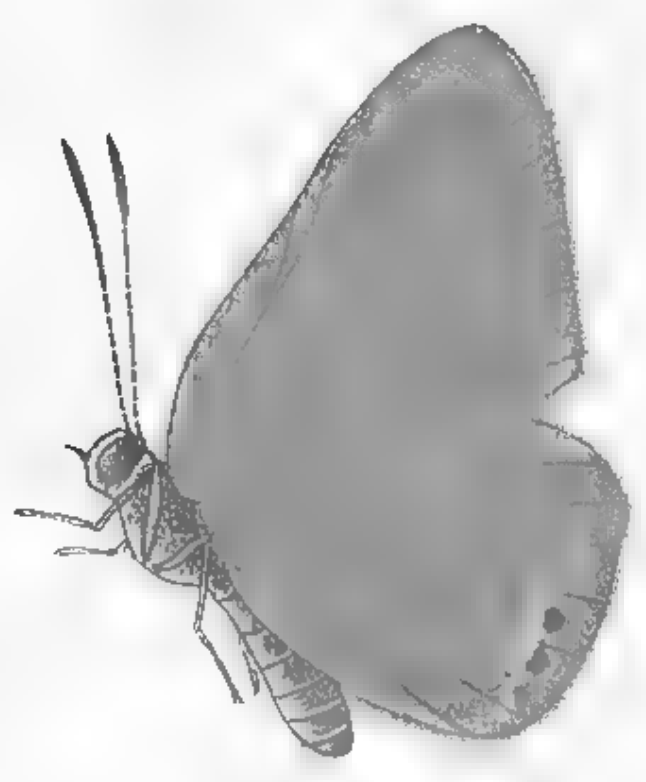
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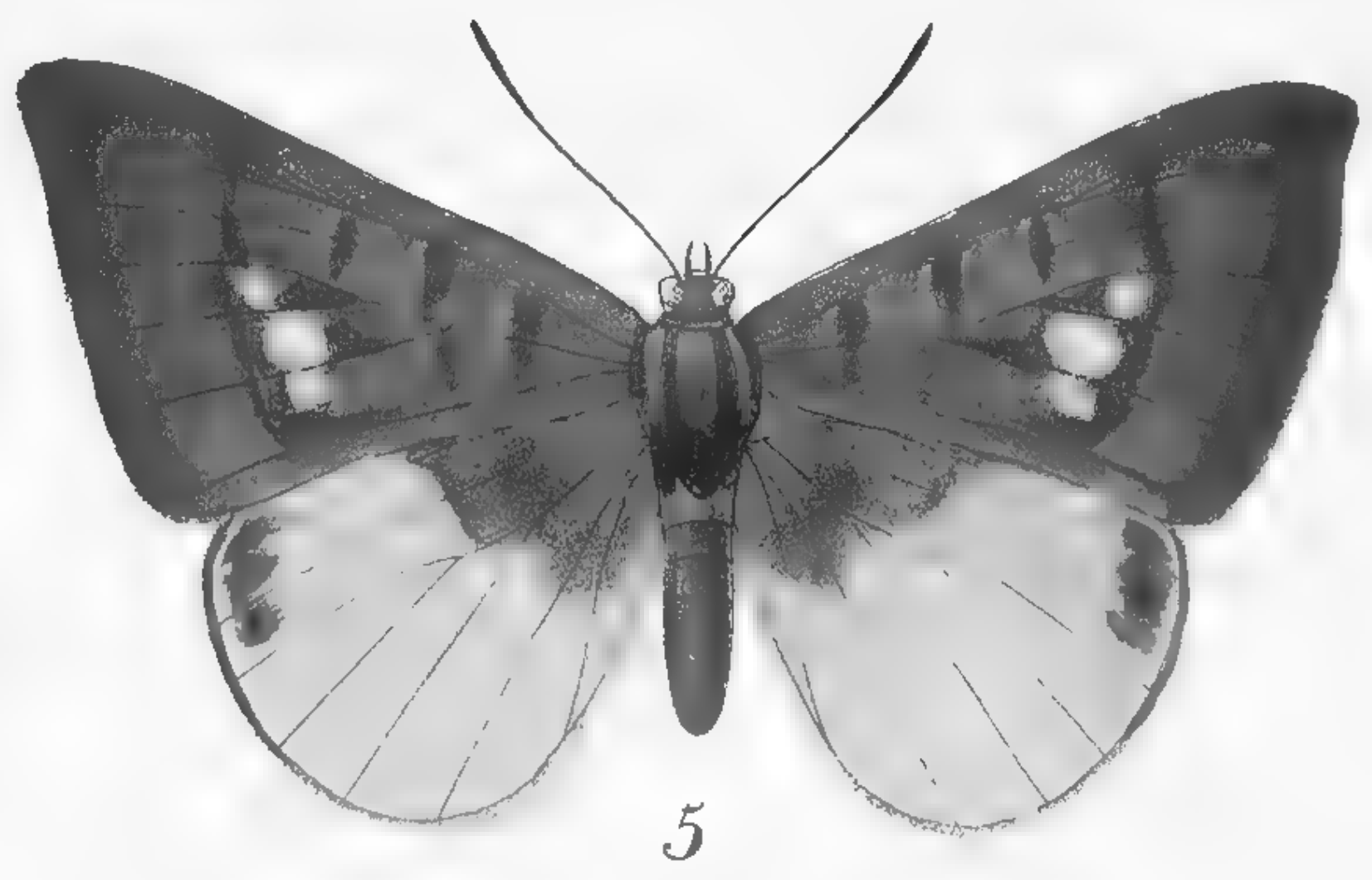
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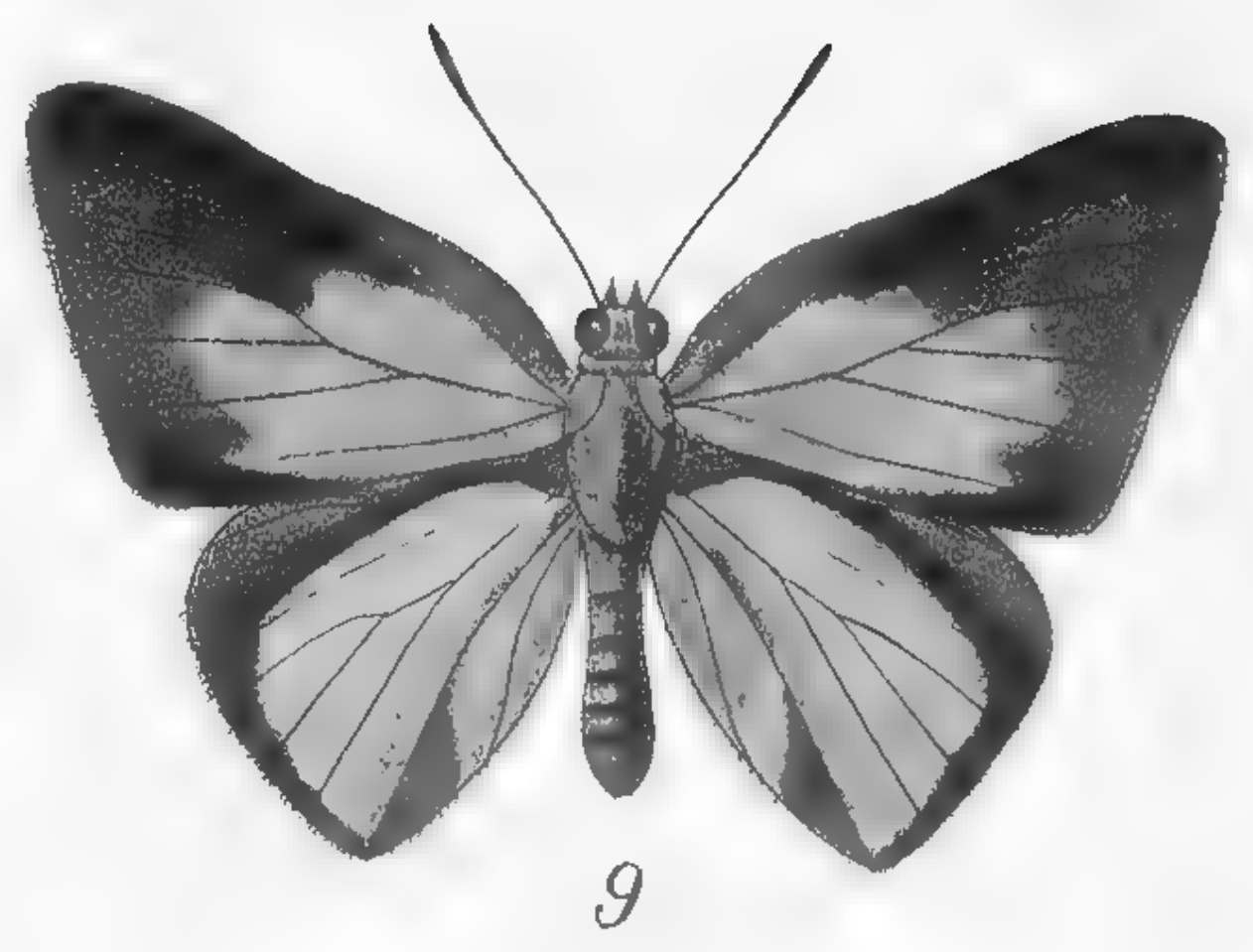
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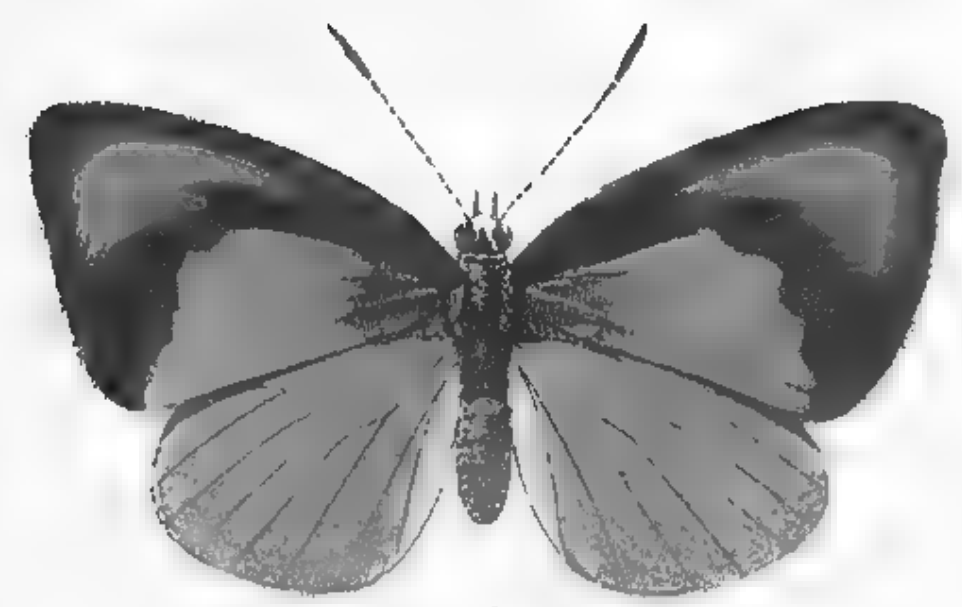
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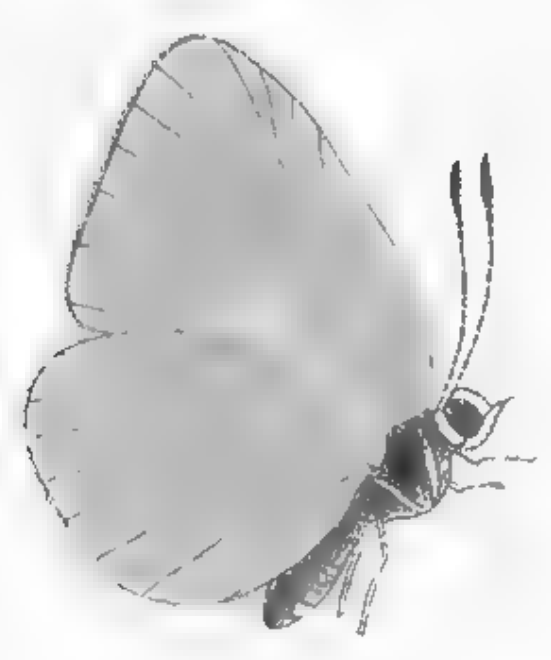
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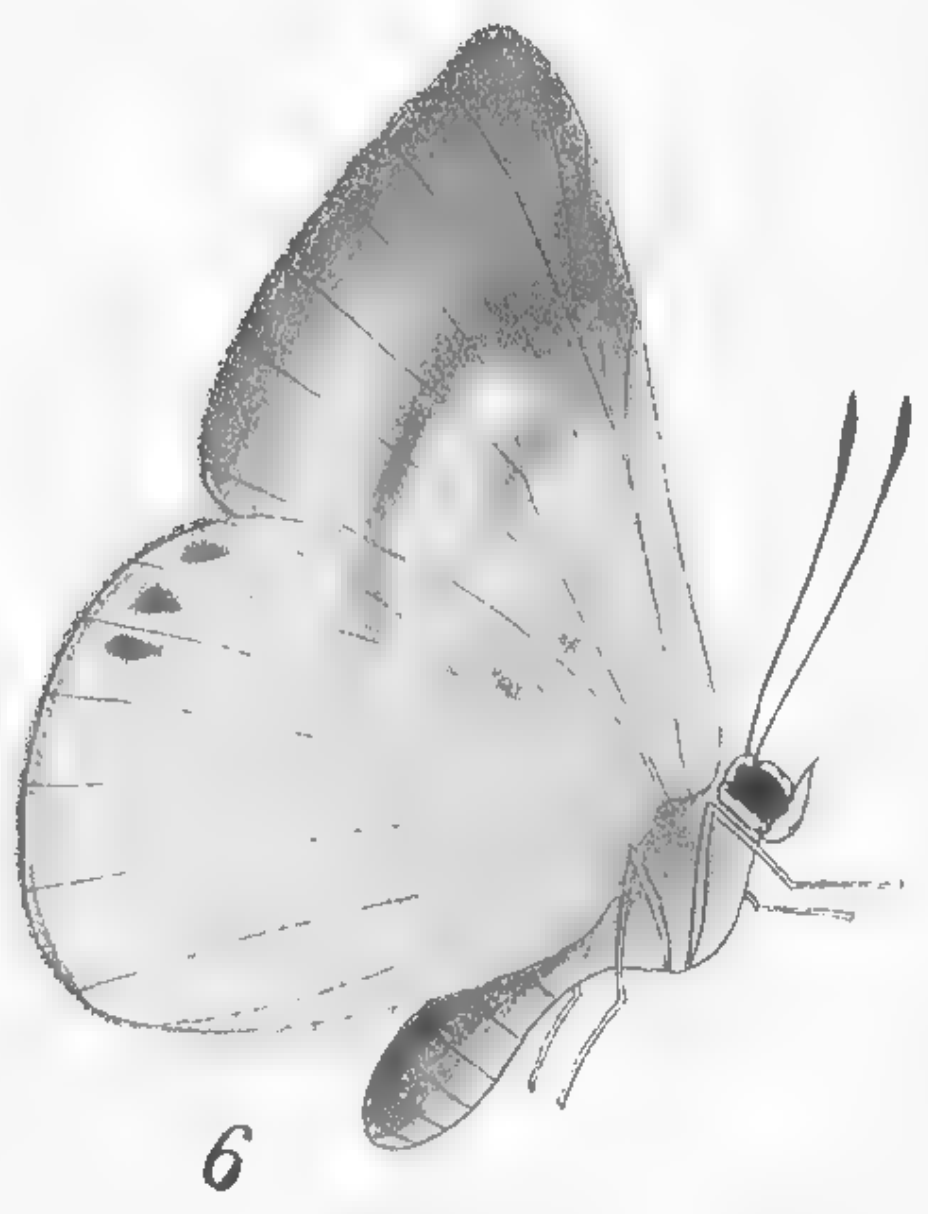
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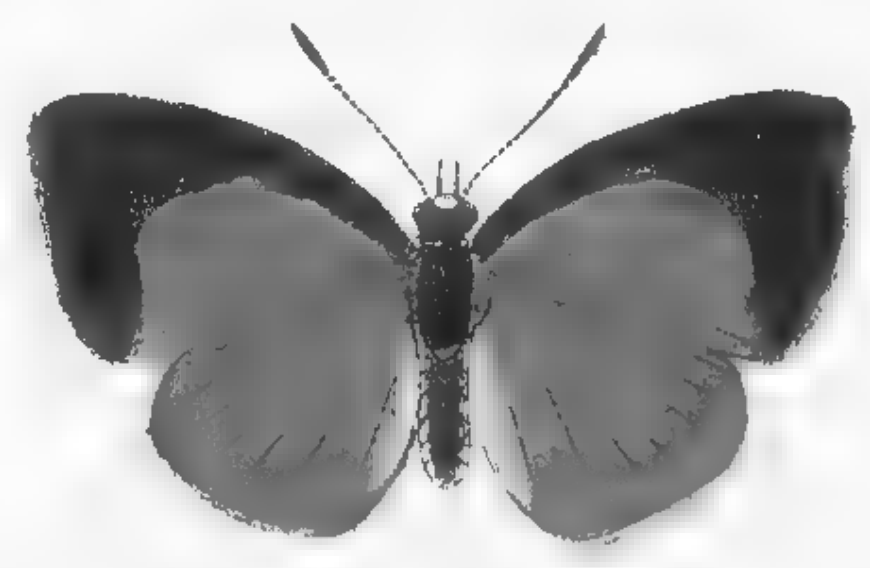
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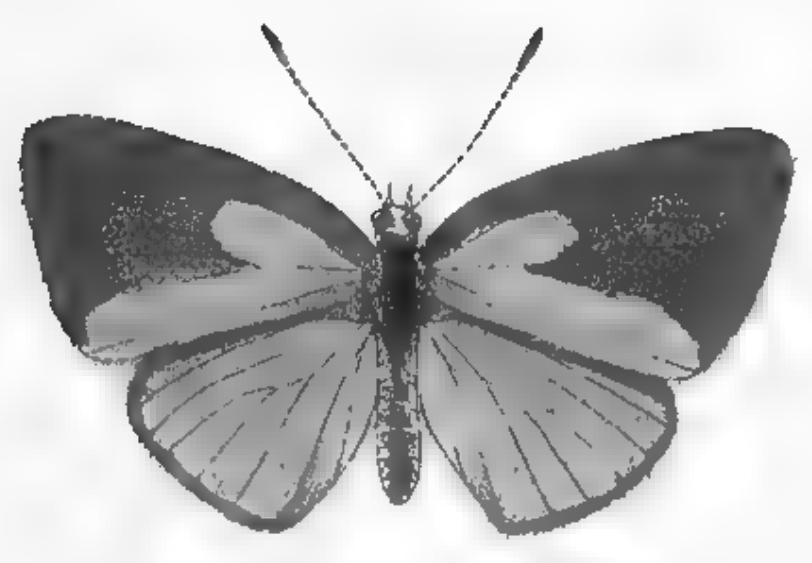
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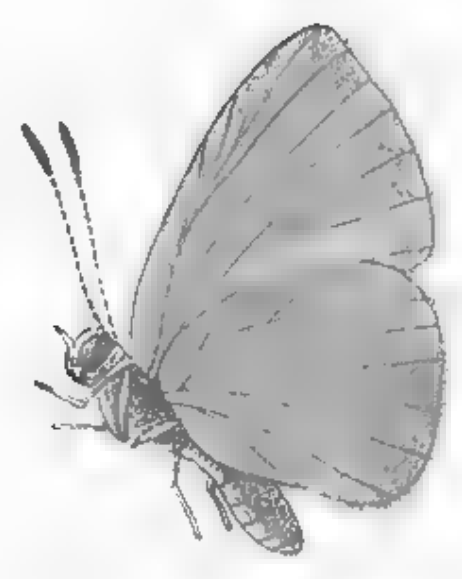
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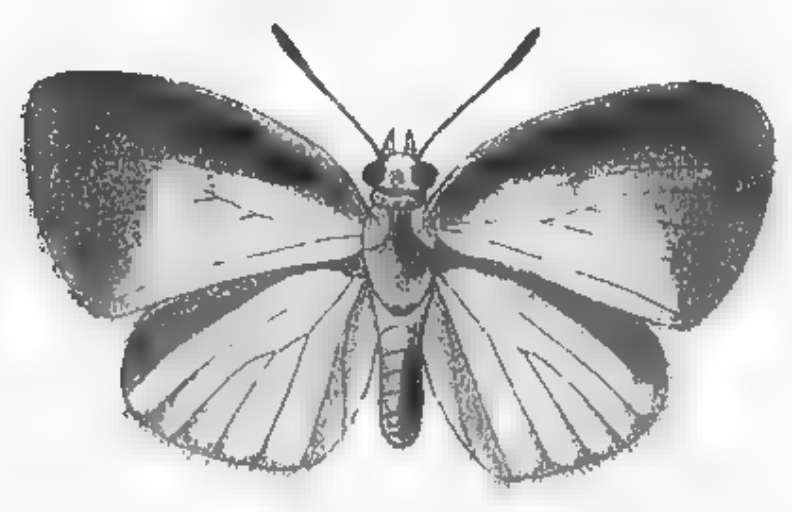
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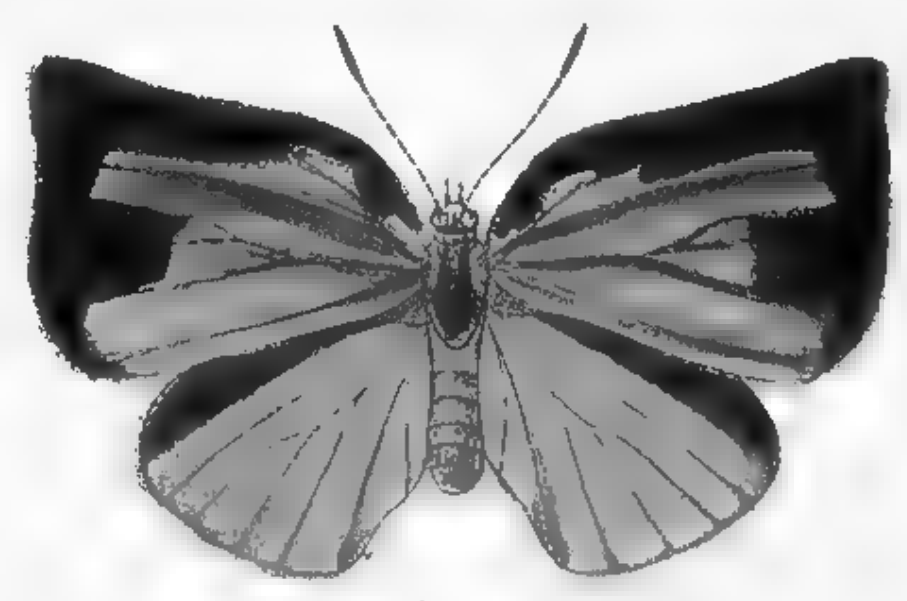
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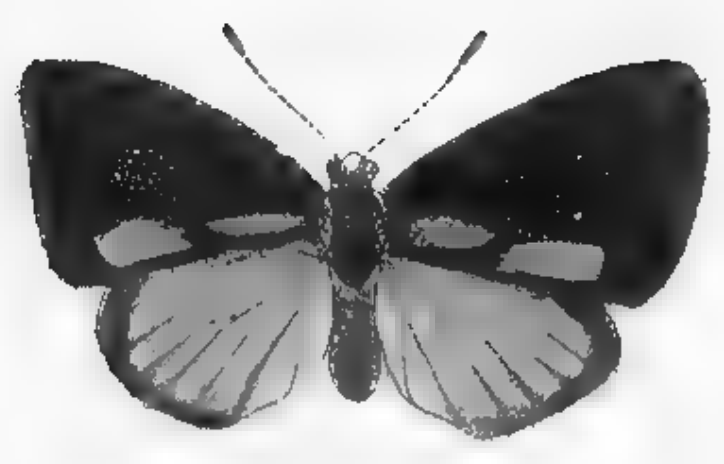
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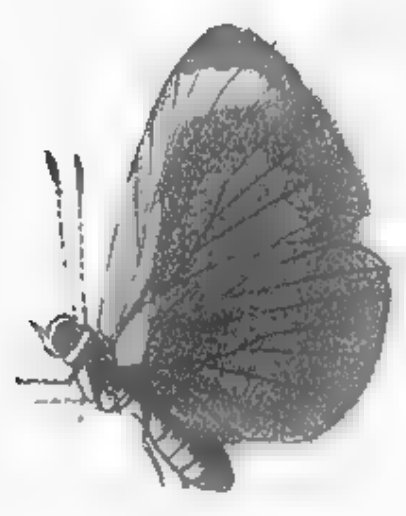
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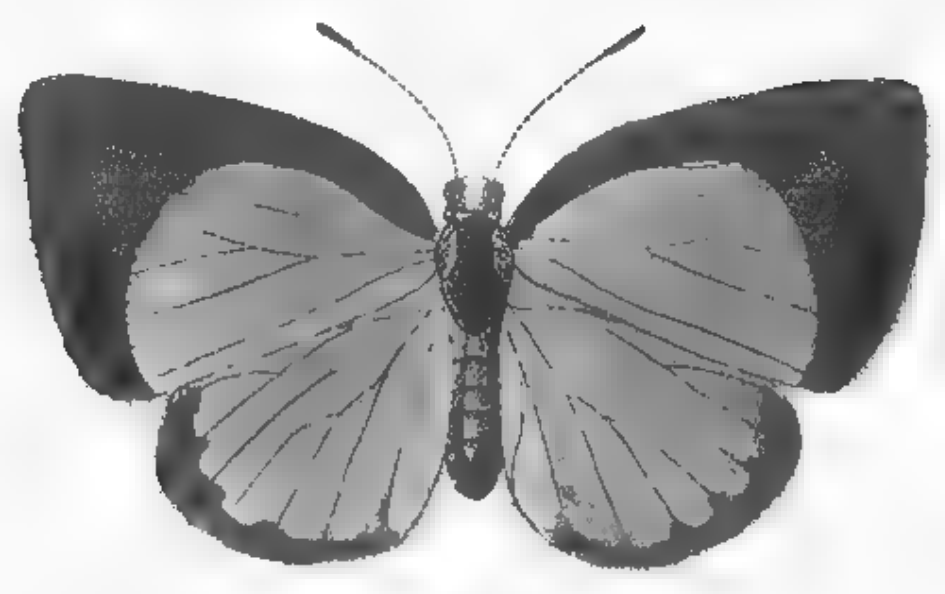
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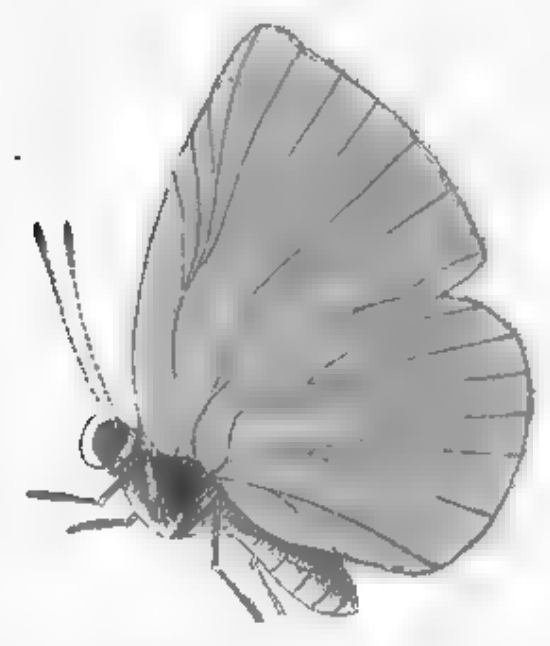
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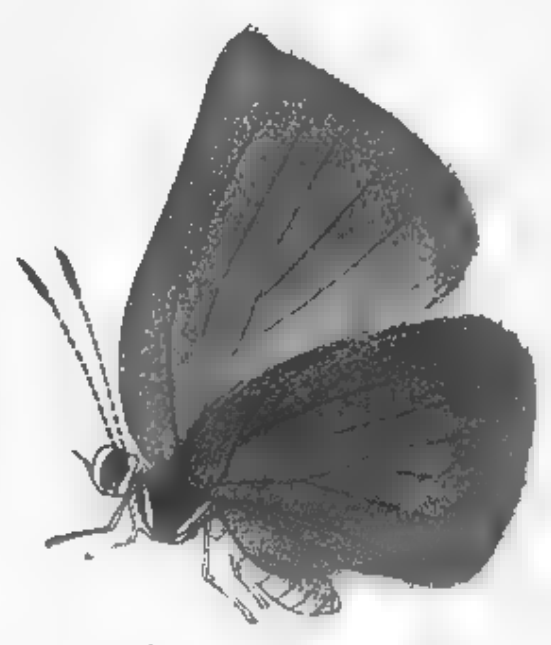
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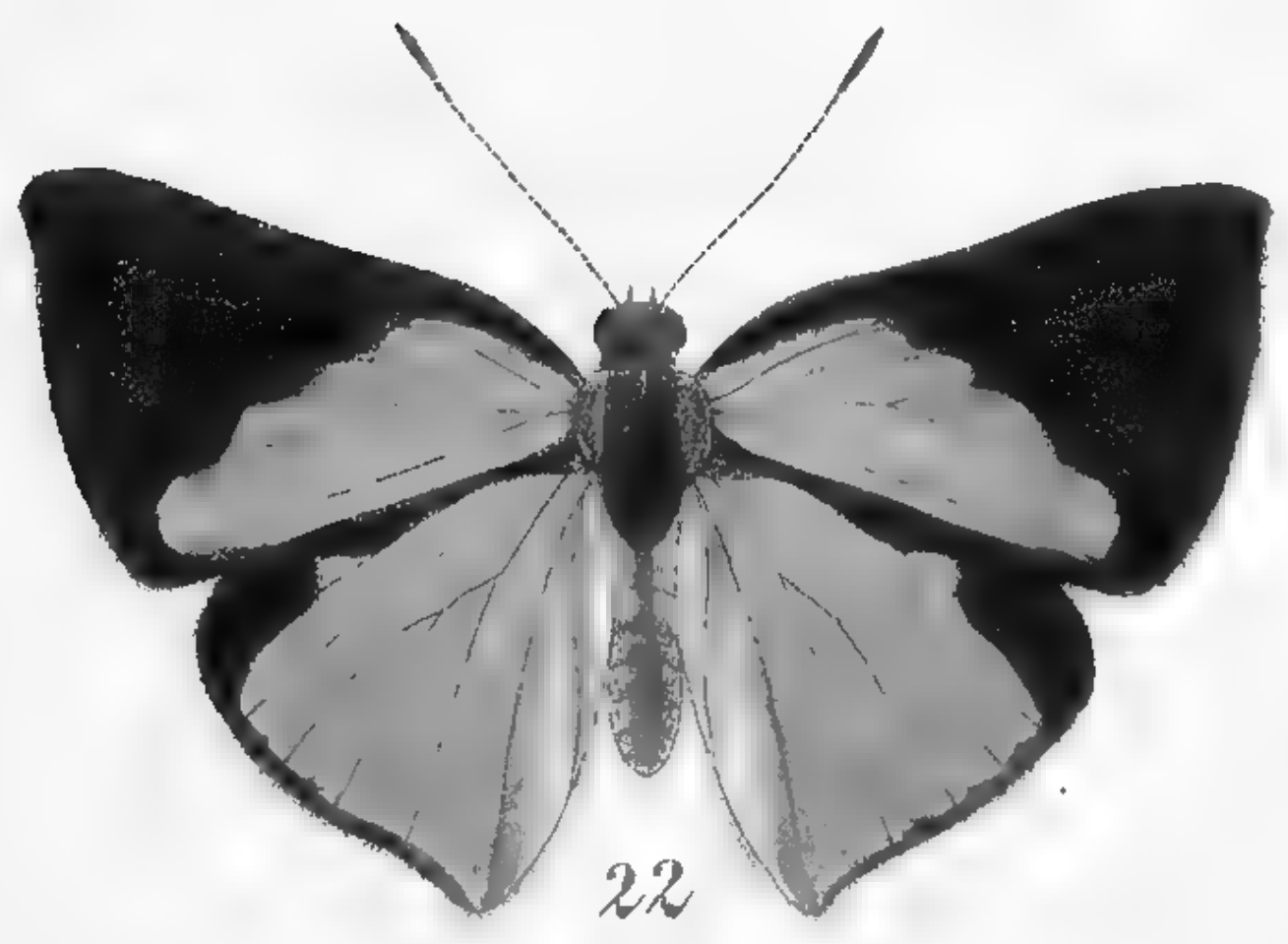
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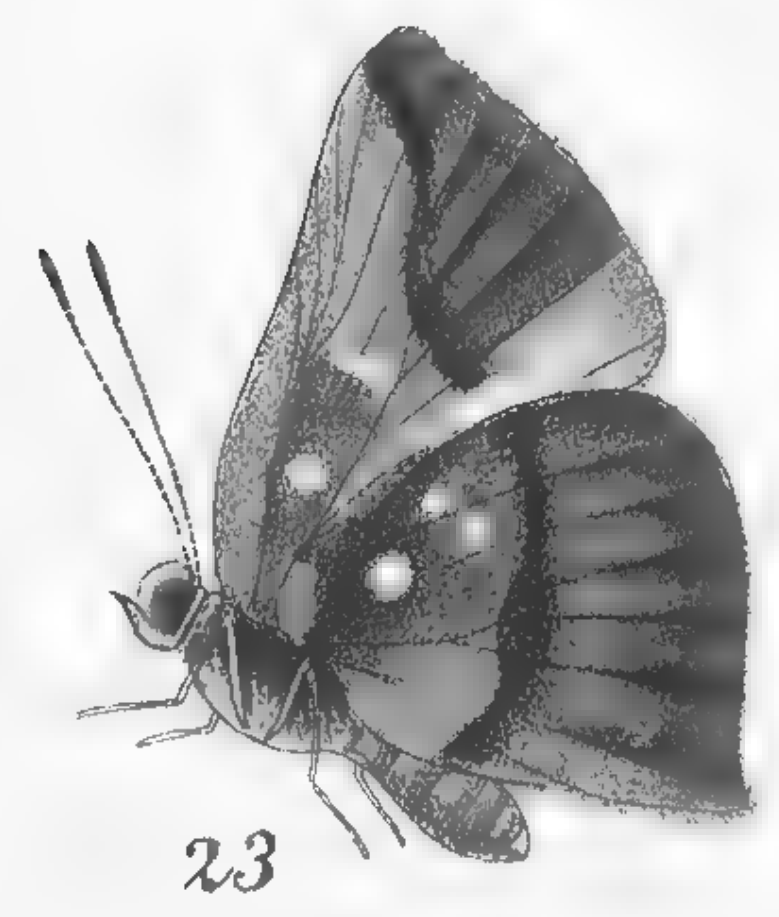
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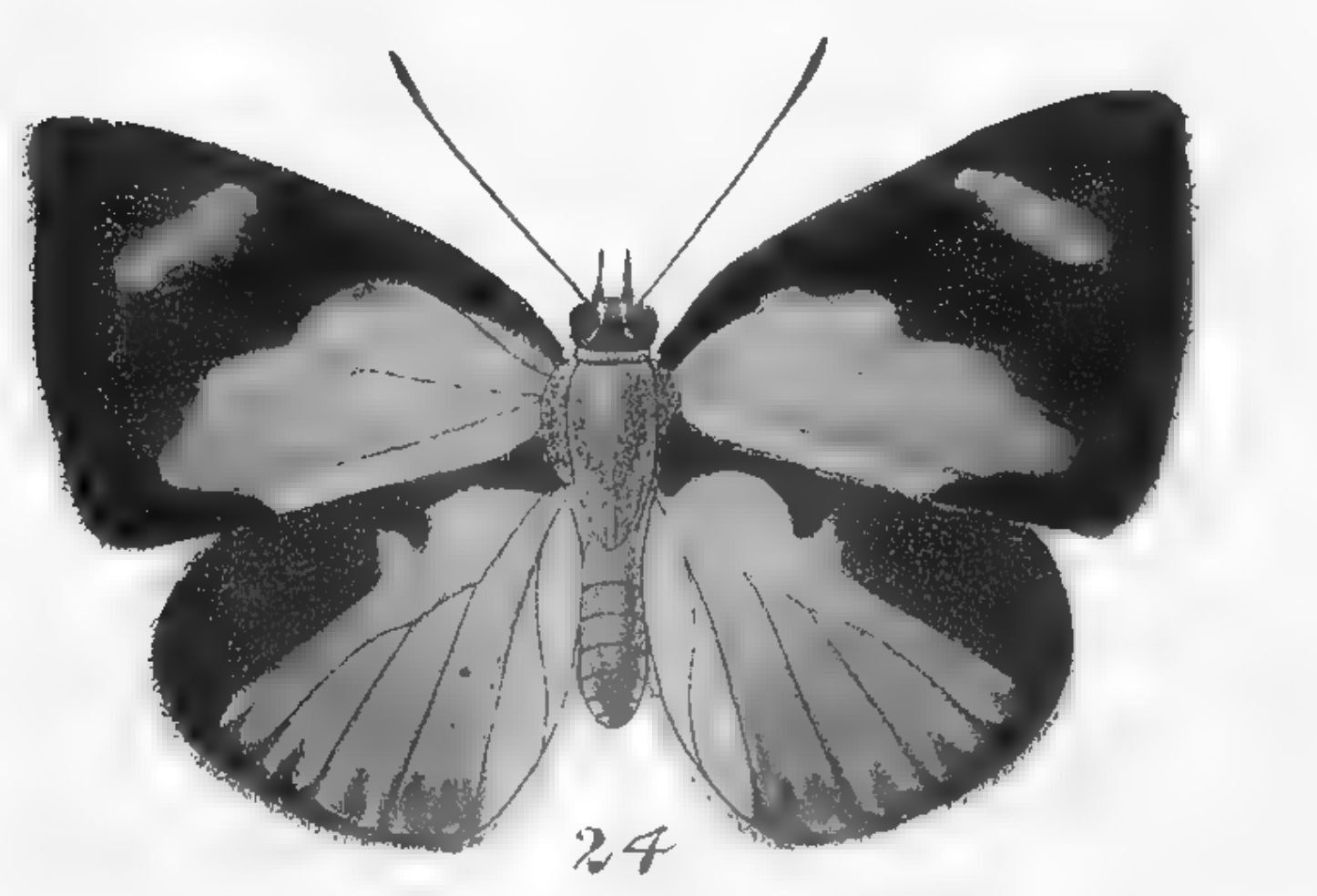
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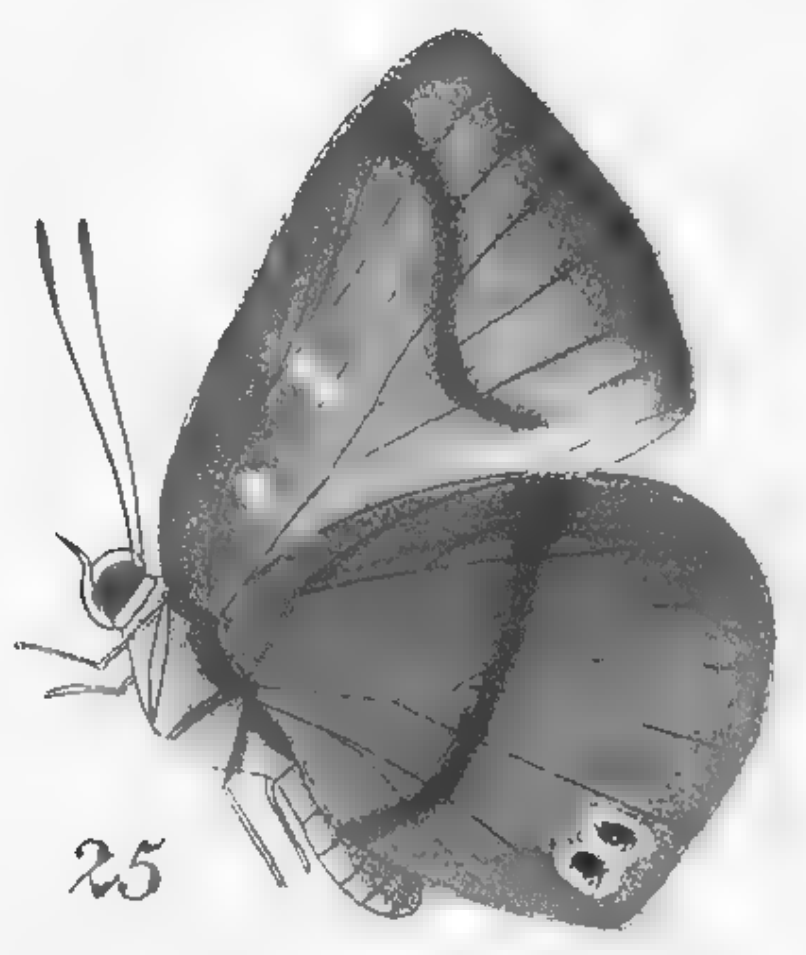
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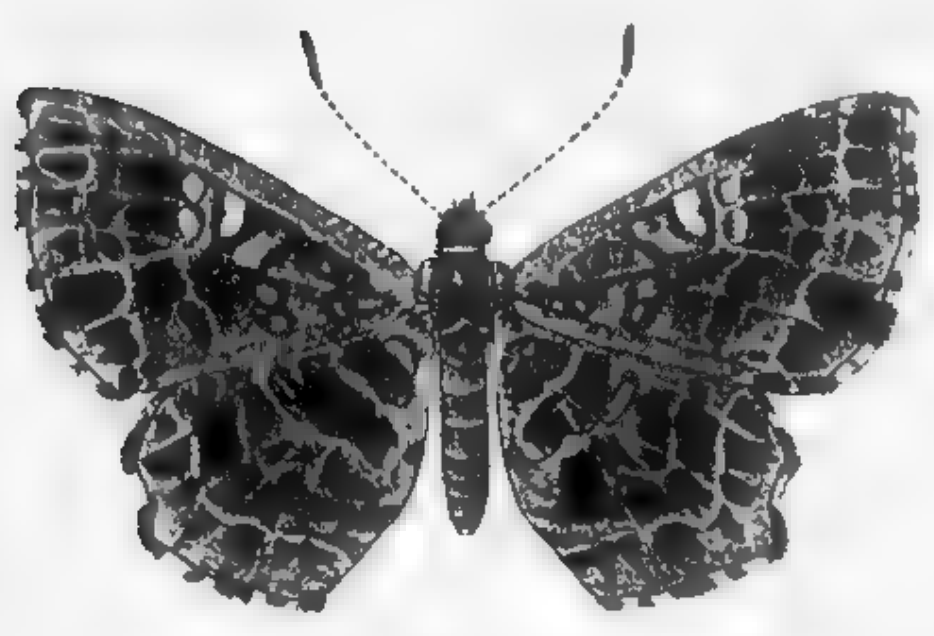
1,2 NYMPHIDIUM HÆMATOSTICTUM.
3 " ICTERICUM.
4 " SICYON.
5,6 PANDEMOS NYMPHIDIOIDES.

7,8 THEOPE VIRGILIUS.
9 " CRATYLUS.
10,11♂,12♀ " EUDOCIA.
13,14♂,15♀ " BARIA.

16♂,17♀ THEOPE THOOTES.
18, 19 " DECORATA.
20, 21 " ISIA.
22, 23♂, 24, 25♀ " BASILEA.

W. Purkiss lith.

Hanhart imp.
409.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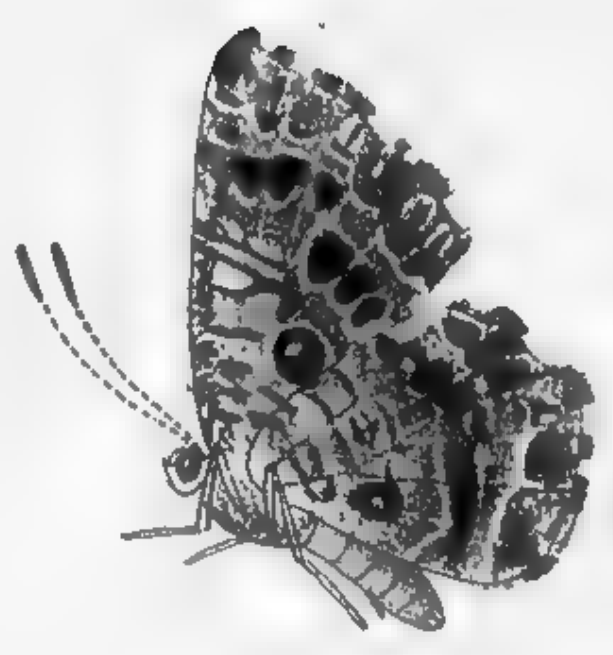
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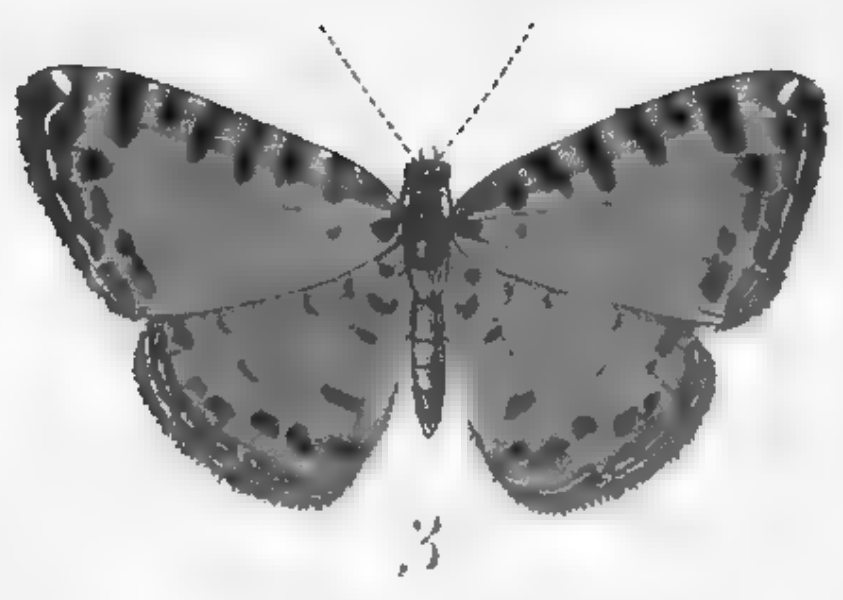
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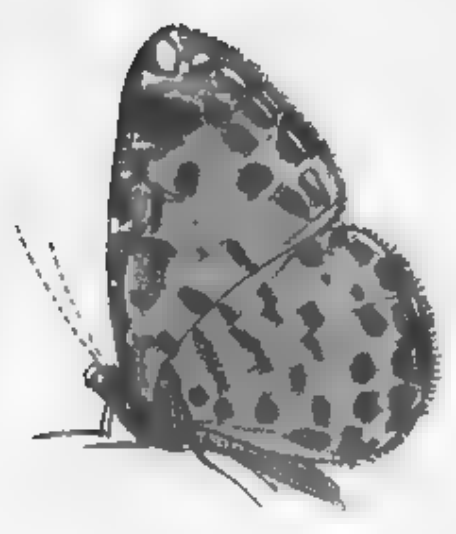
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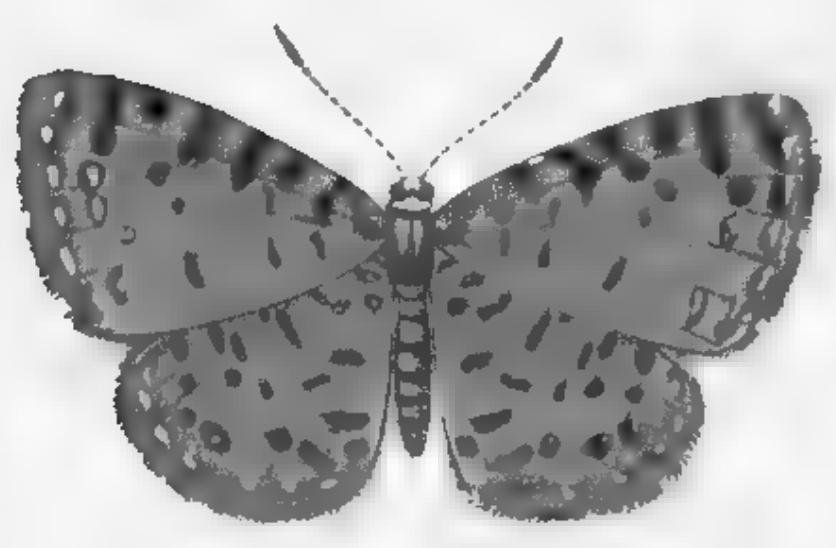
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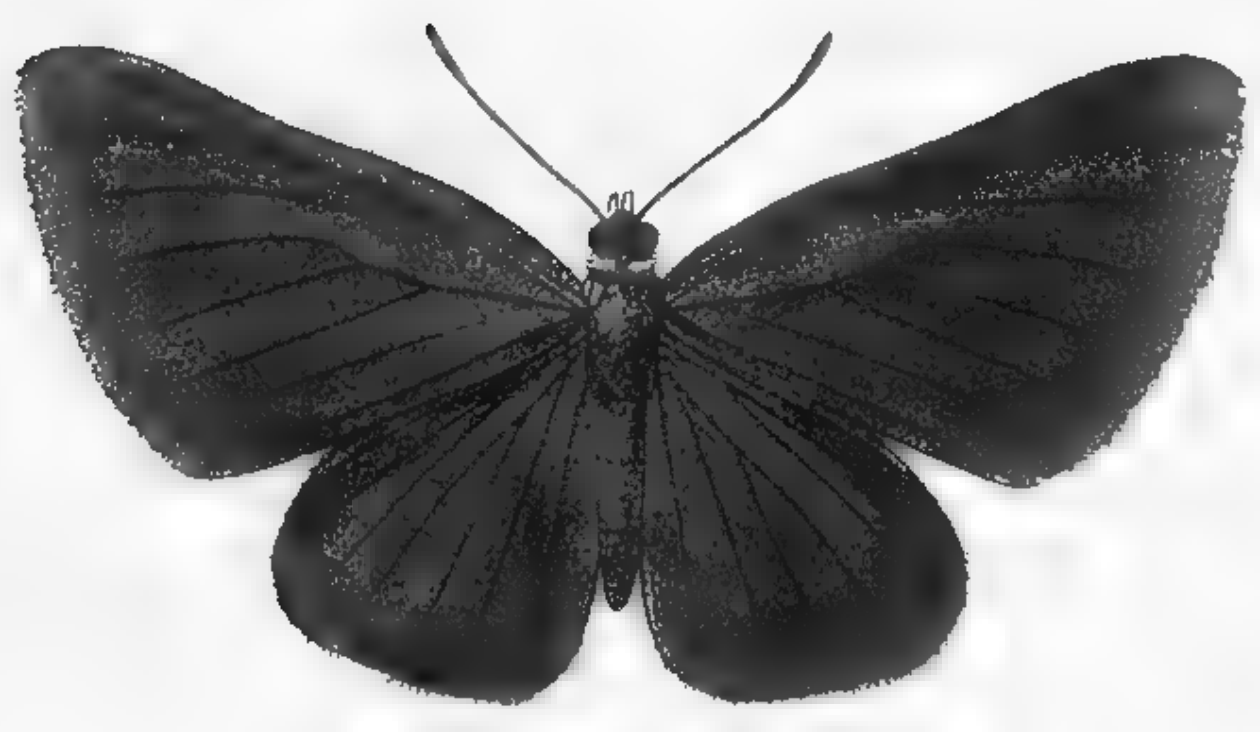
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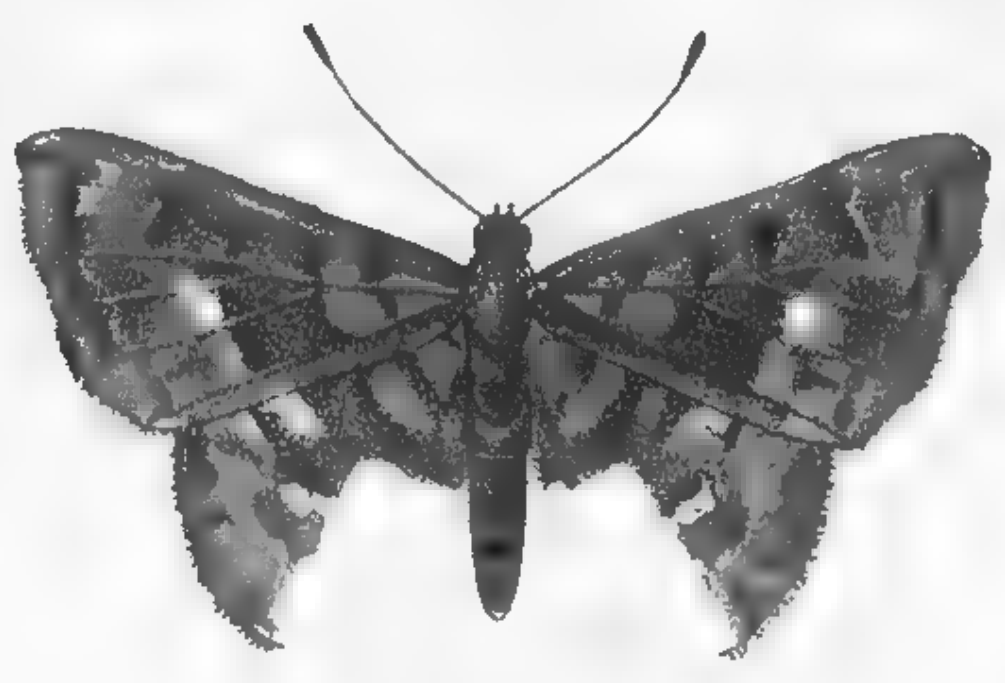
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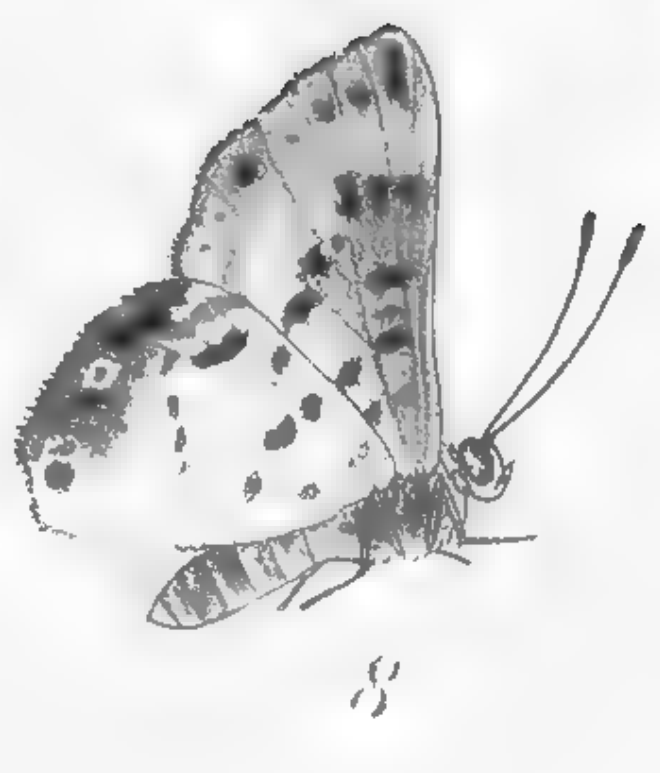
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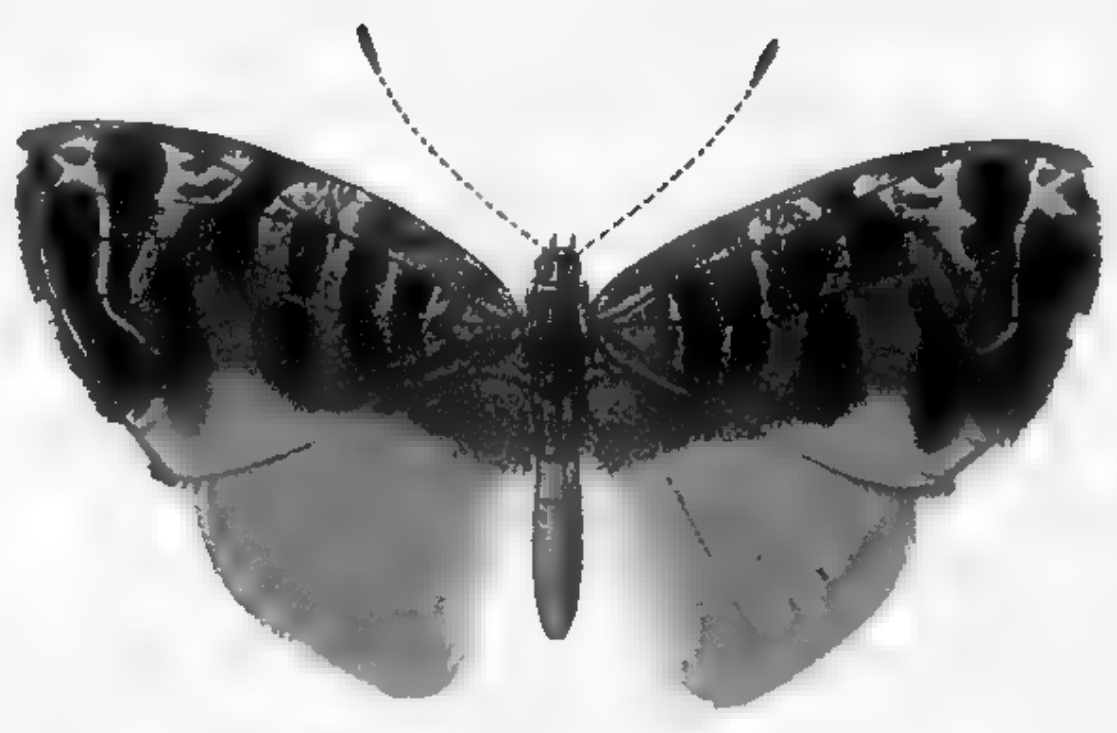
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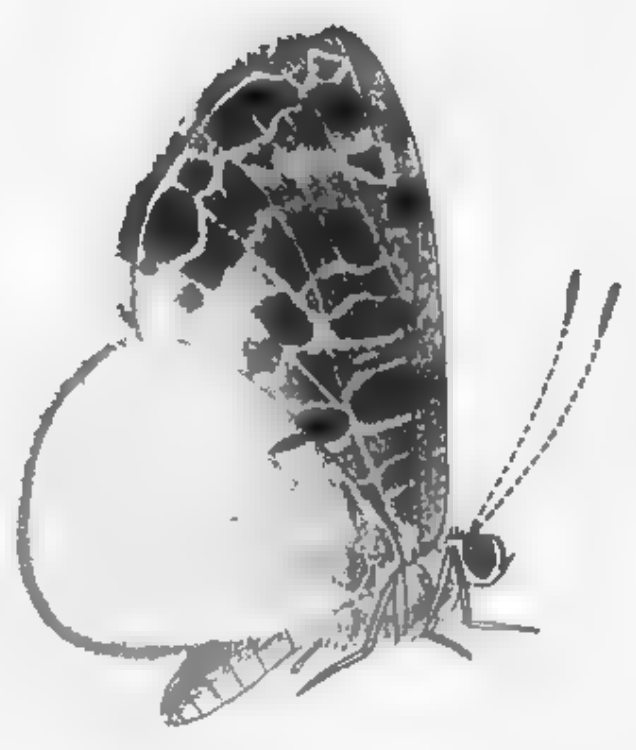
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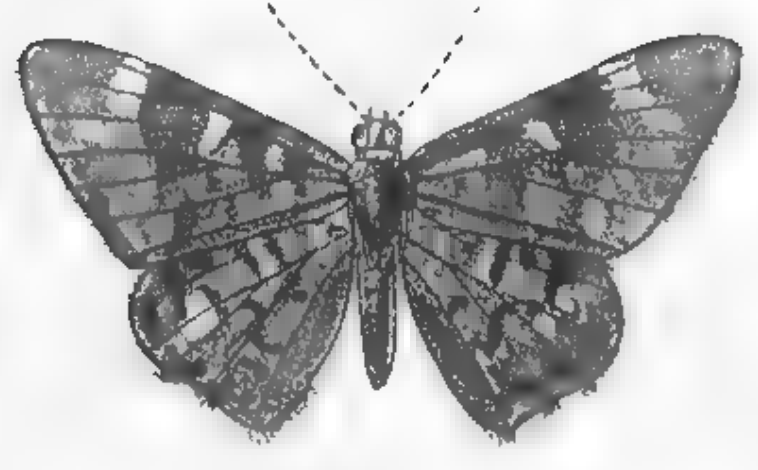
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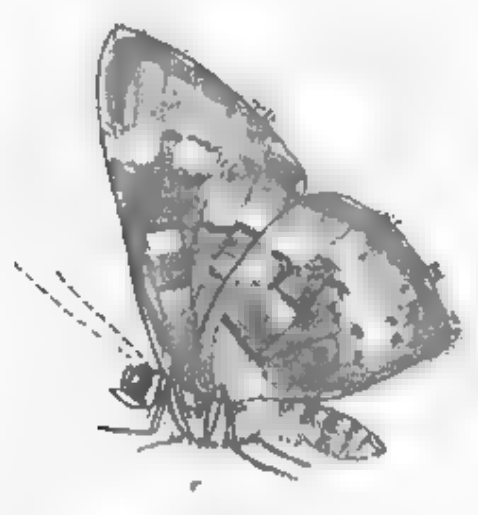
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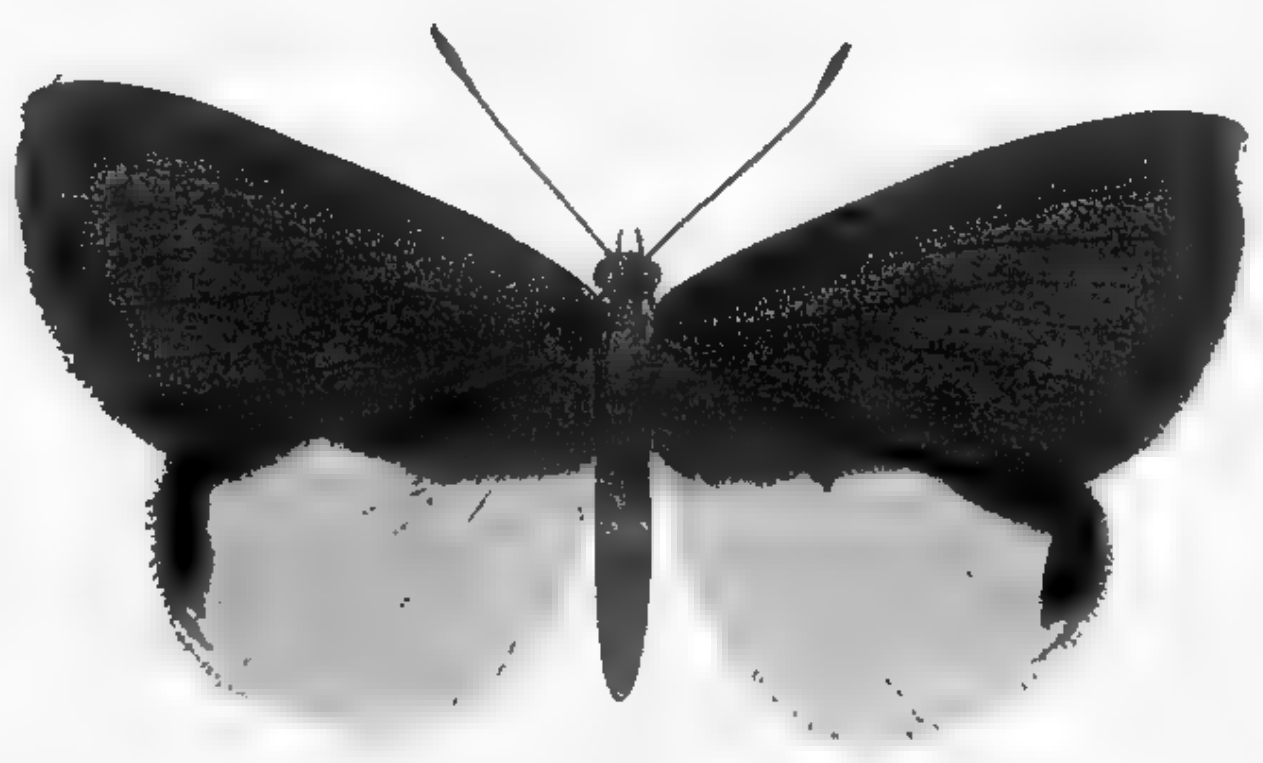
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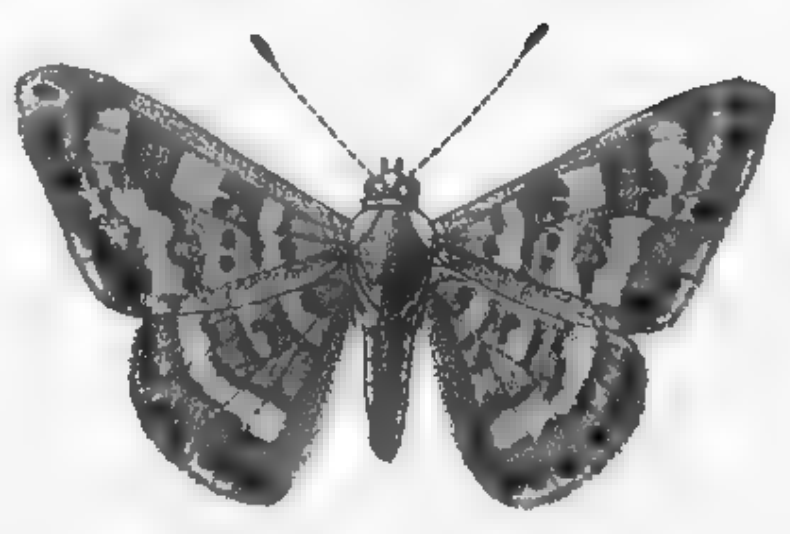
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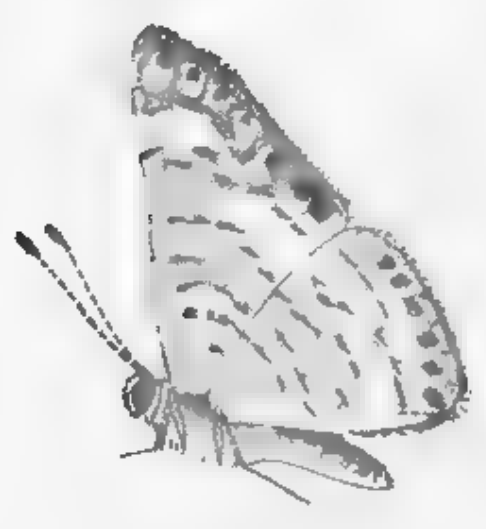
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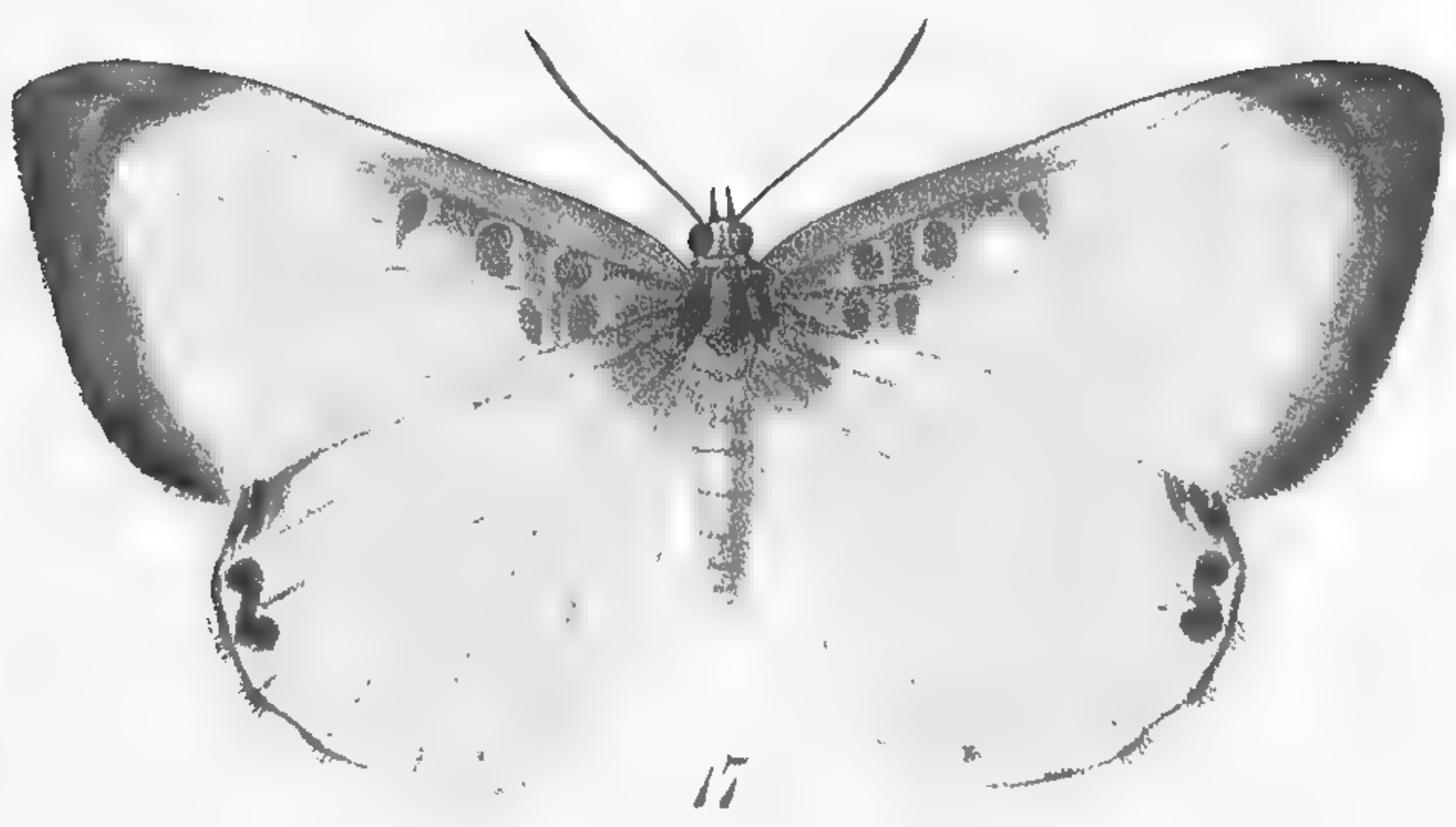
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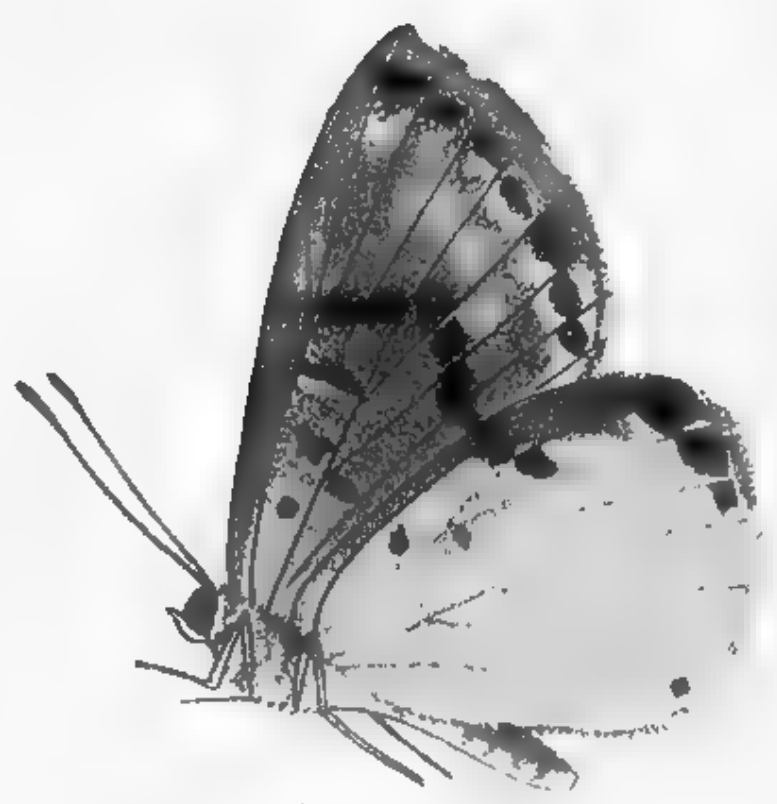
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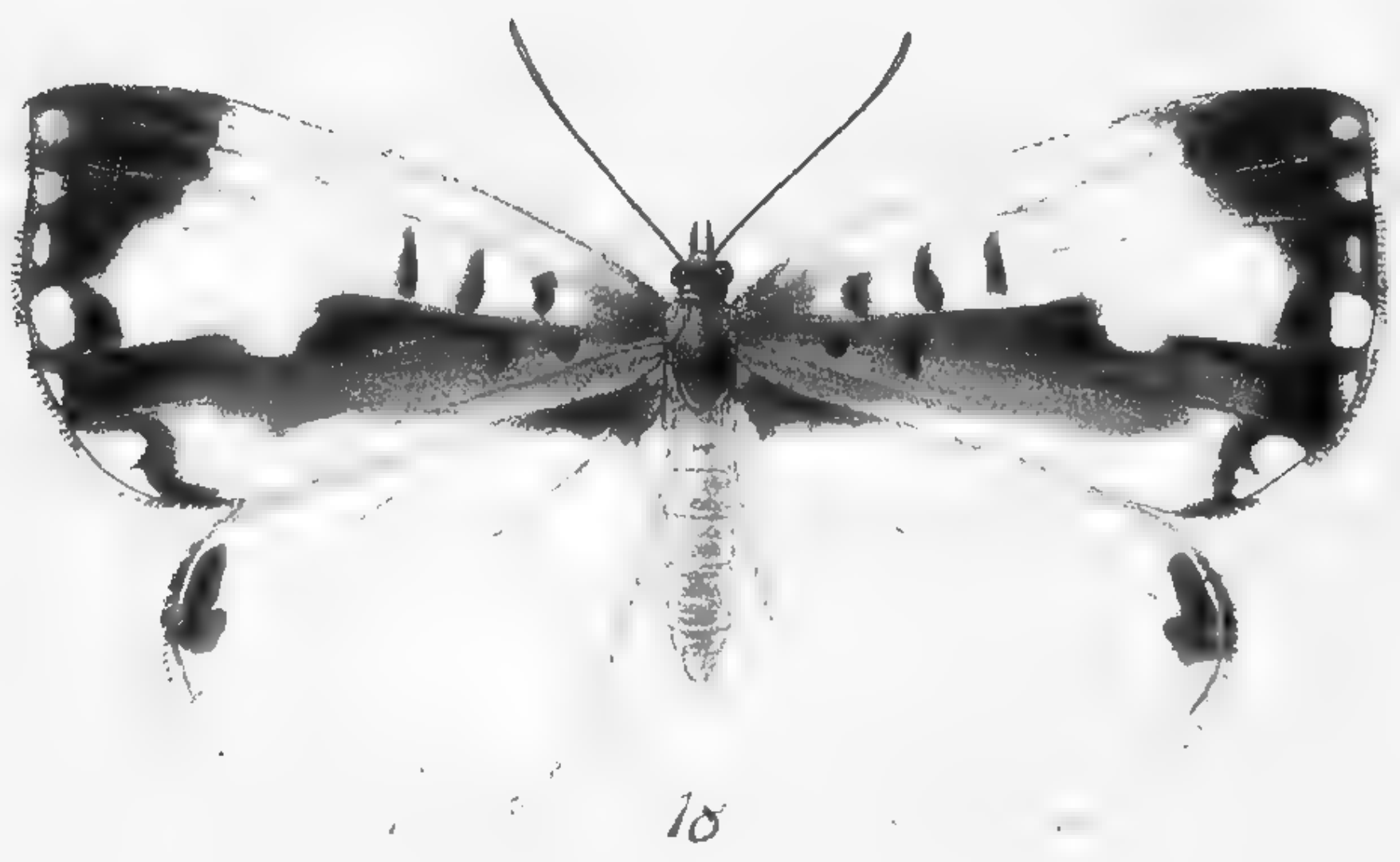
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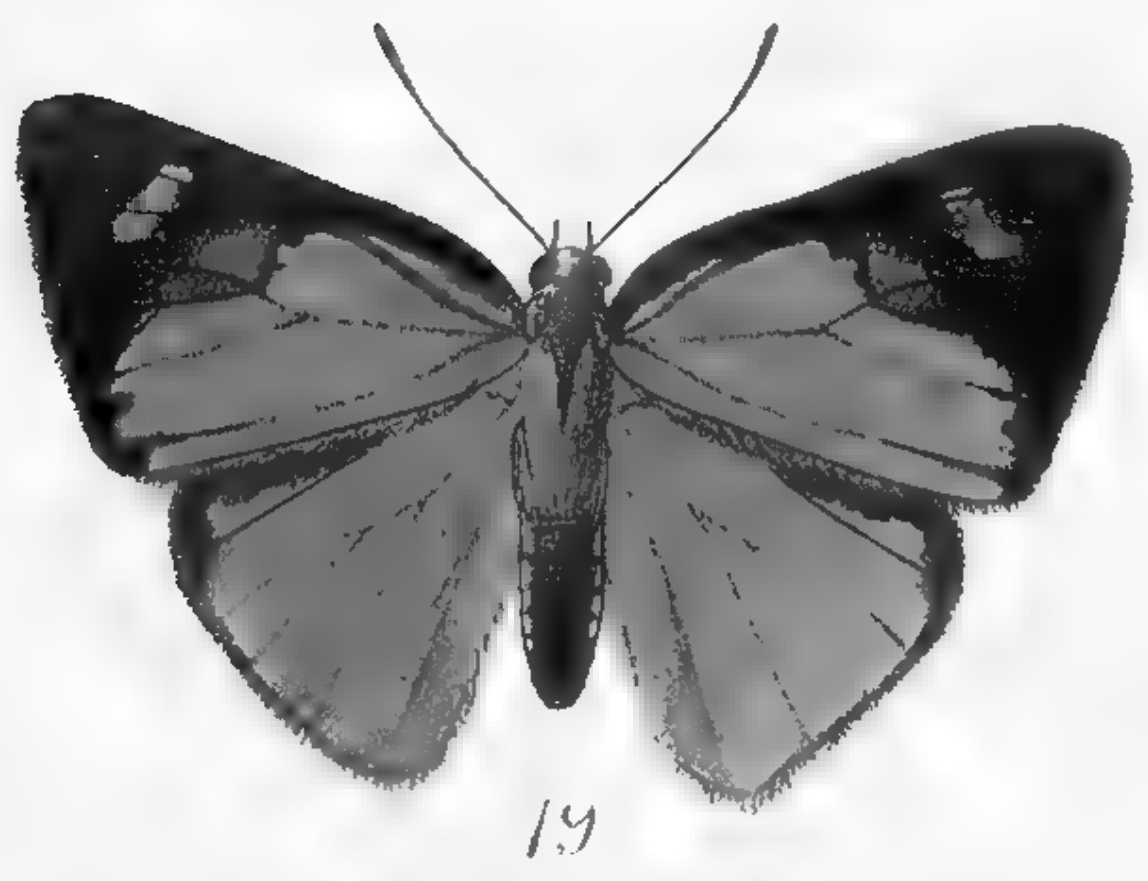
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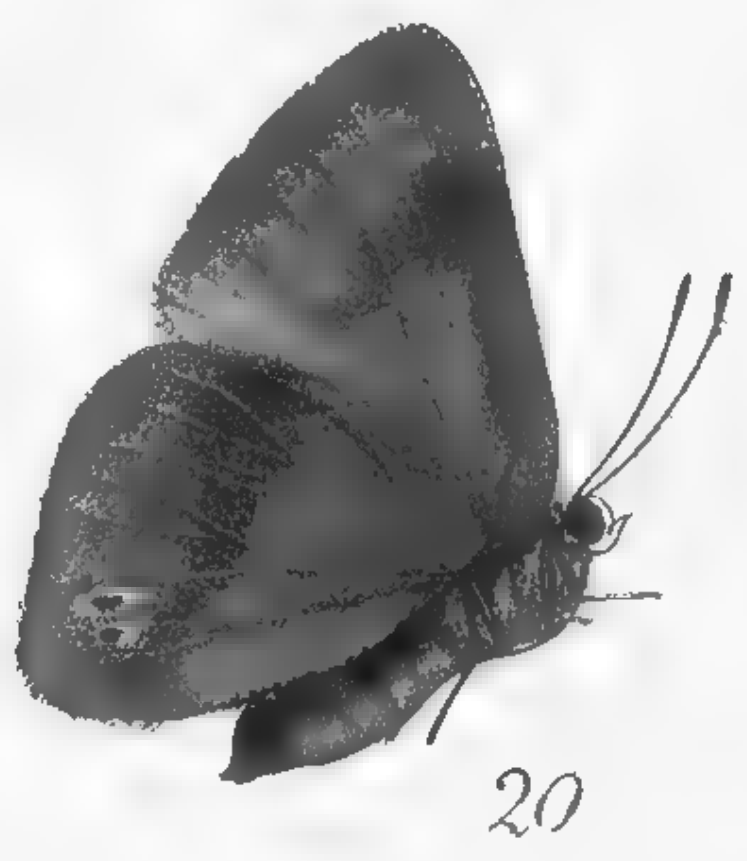
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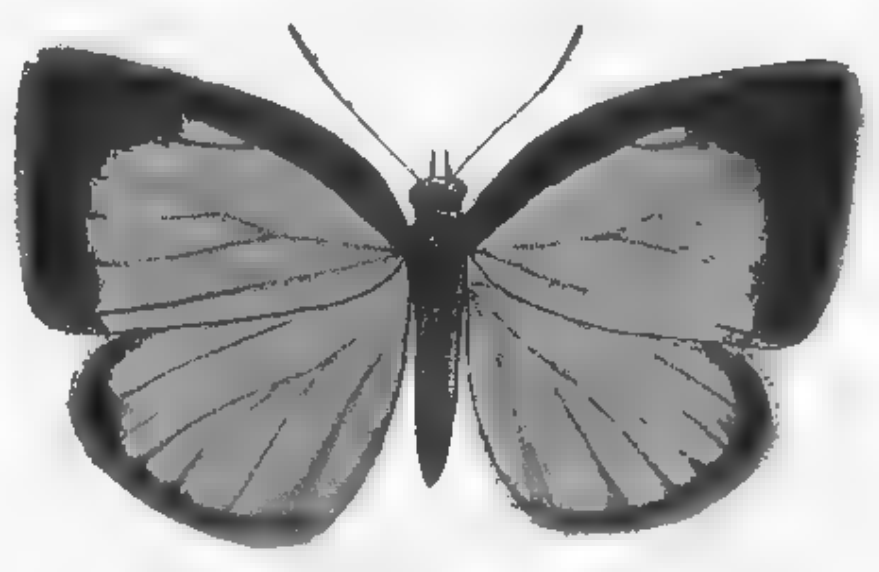
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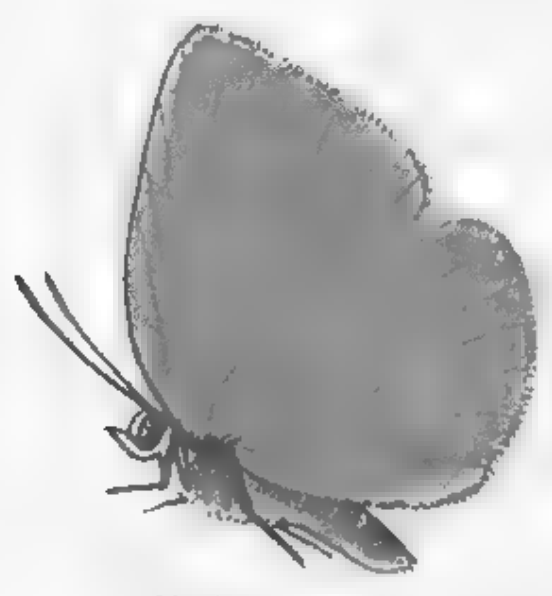
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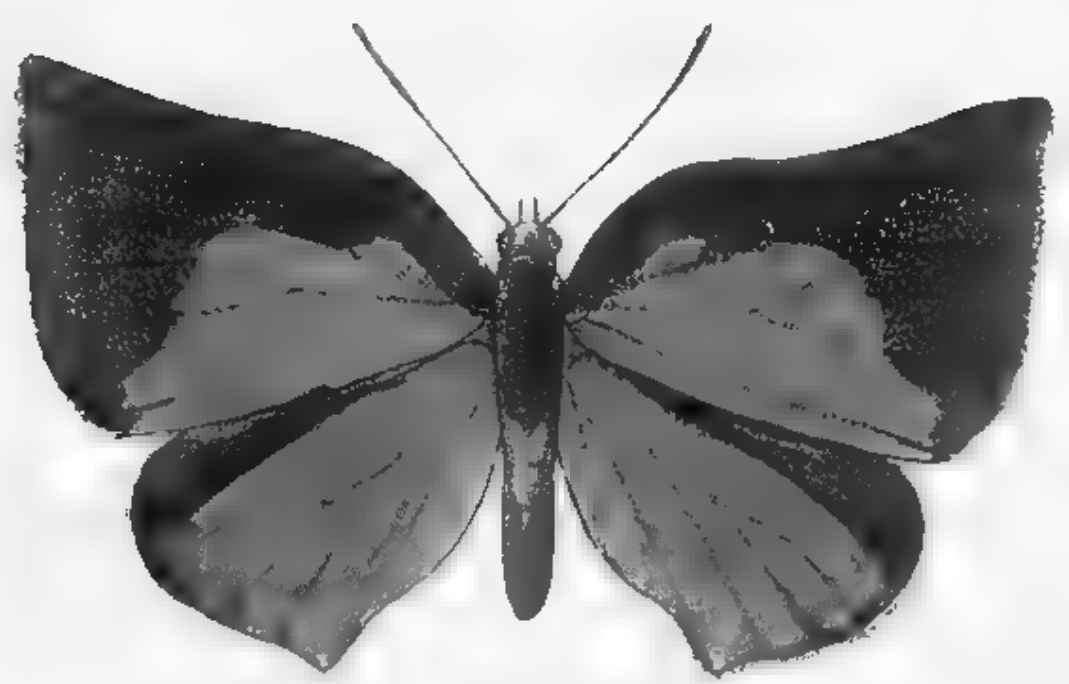
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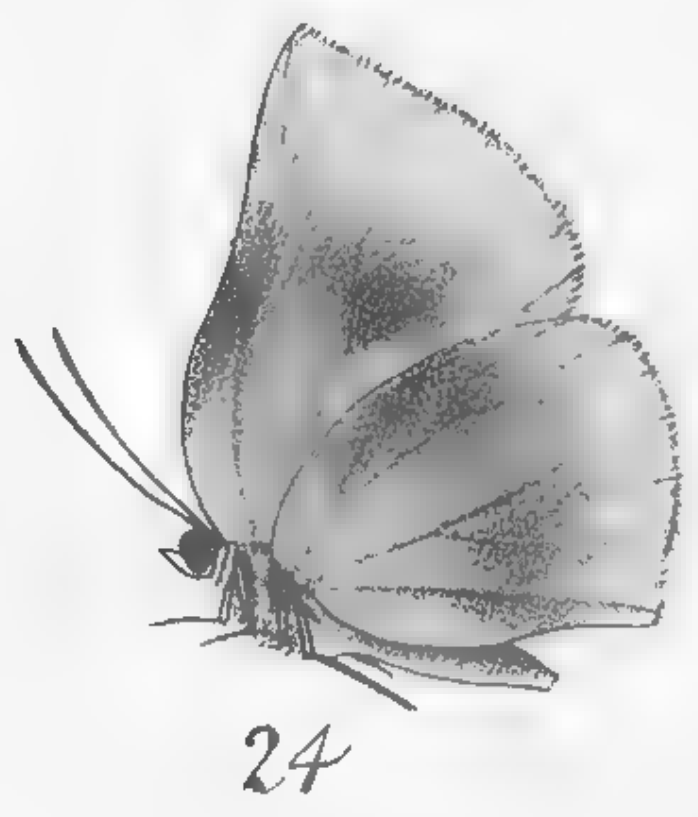
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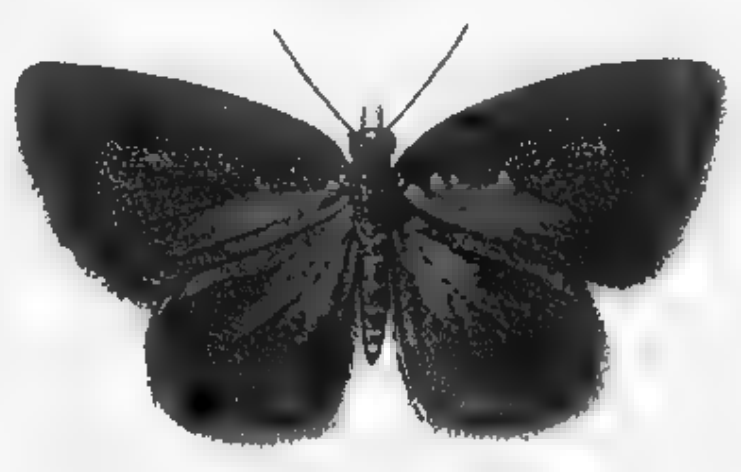
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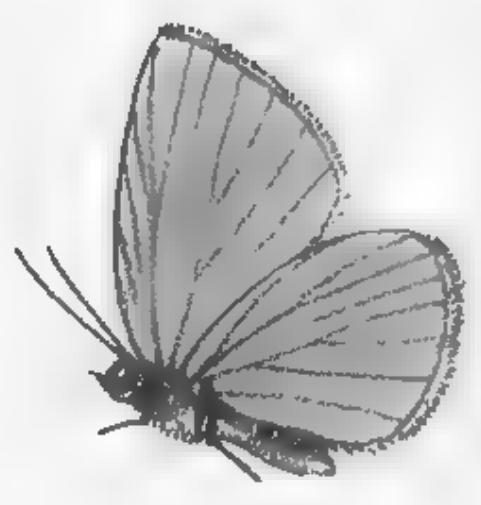
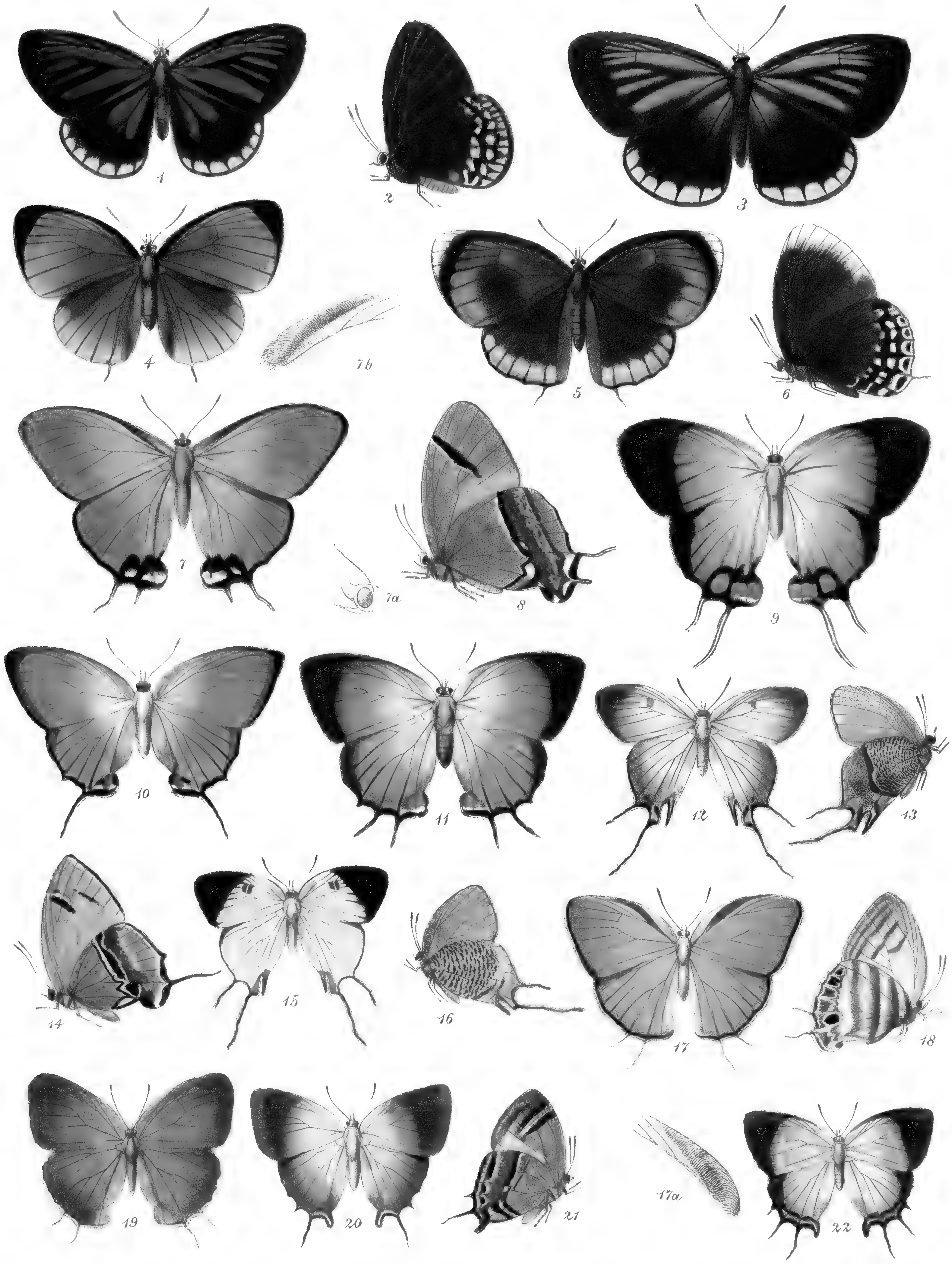

26

1. 2	CALYDNA VENUSTA.
3, 4♂, 5♀	CHARIS CROCEA.
6	ESTHEMOPSIS? UNICOLOR.
7, 8	LEMONIAS AGAVE.
9, 10	" ADELINA.
11, 12	LEMONIAS HEPBURNI.
13, 14	" WALKERI.
15, 16	NYMPHIDIUM LAIUS.
17	" LABDACUS.
18	NYMPHIDIUM NYCTEUS.
19, 20	THEOPE PUBLIUS.
21, 22	" HYPOXANTHE.
23, 24	" FOLIA.
25, 26	" HERTA.

W. Purkiss lith.

Hanhart imp.
413.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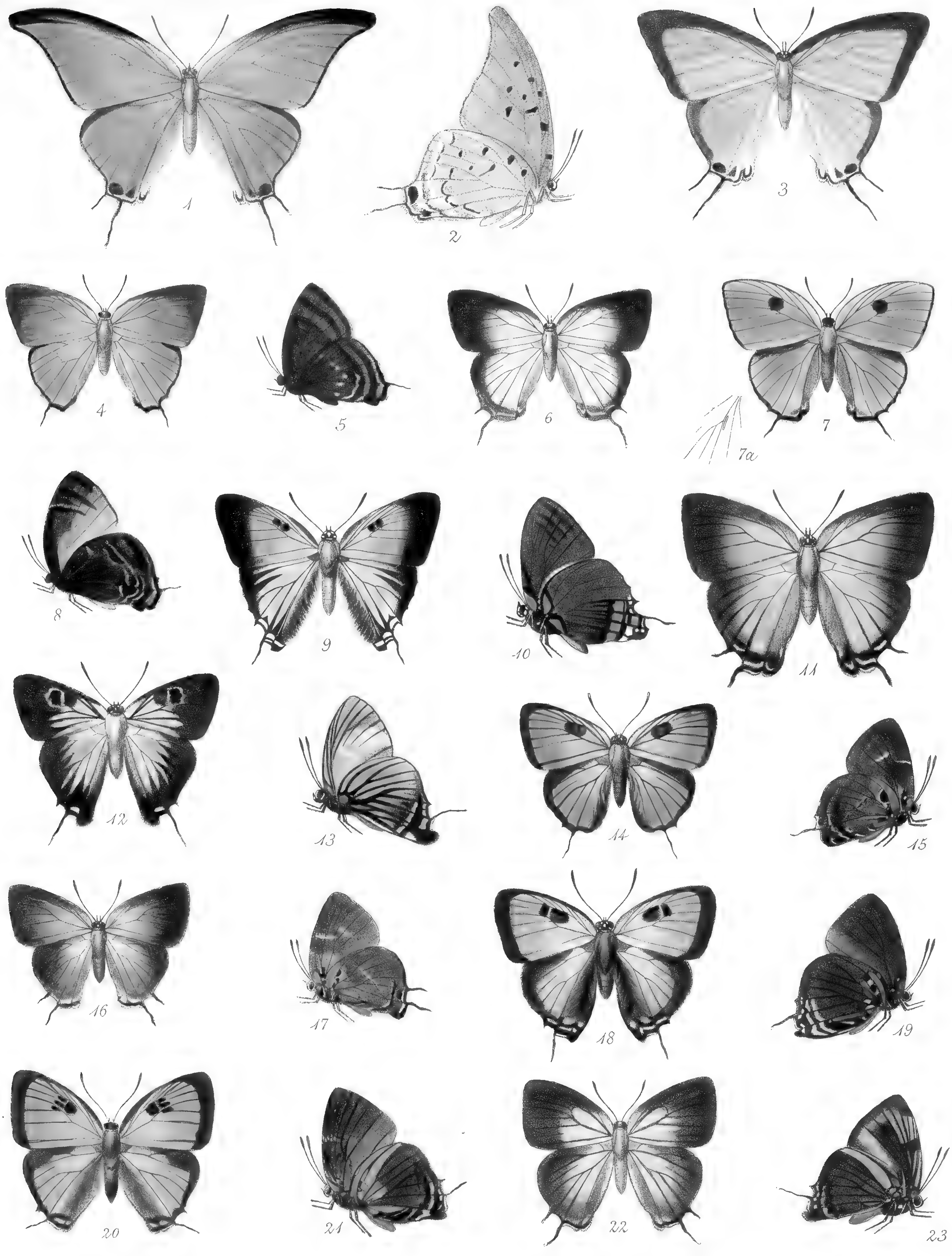
1, 2♂, 3♀. EUMÆUS MINYAS.
4♂, 5, 6♀. THEOREMA EUMENIA.
7, 7a-b, 8♂, 9♀. THECLA CORONATA.

10, 14♂, 11♀ THECLA TERESINA.
12, 13♂. " CYPRIA.

15, 16♂. THECLA IMPERIALIS.
17, 17a, 18♂, 19♀ " TEMATHEA.
20, 21♂, 22♀. " NOBILIS.

W. Purkiss lith.
Hanhart imp.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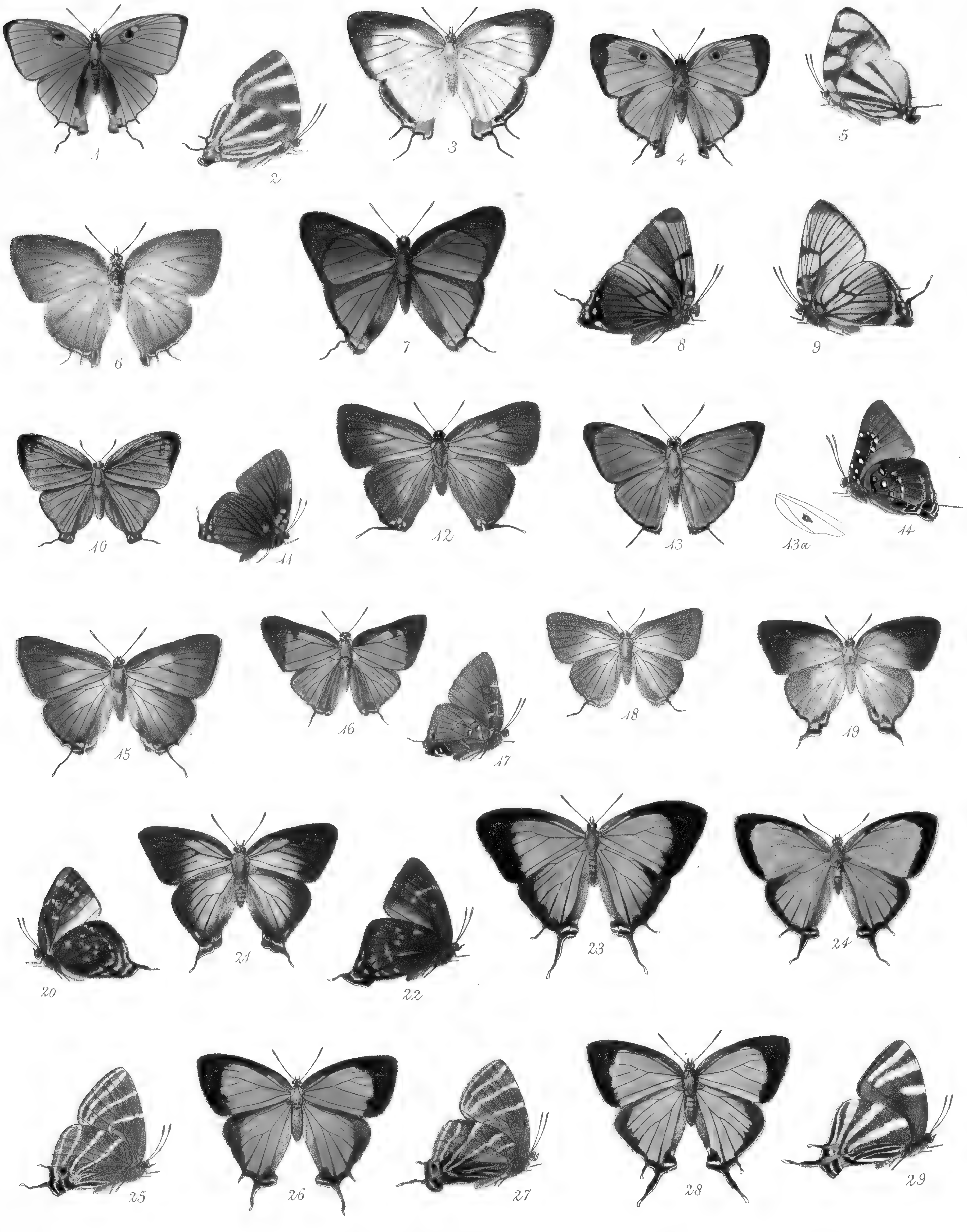
1, 2♂, 3♀ THECLA DAMO.
4, 5♂, 6♀ " HISBON.
7, 7a, 8♂ " HEMON.

9, 10♂, 11♀ THECLA CYNARA.
12, 13♂ " POLYBE.
14, 15♂, 16♀ " INACHUS.
17♀ " CARPOPHORA.

18, 19♂ THECLA CARPASIA.
20, 21♂, 22♀ " BACIS.
23♂ " ATYS.

W. Purkiss lith.
Hanhart imp.
450.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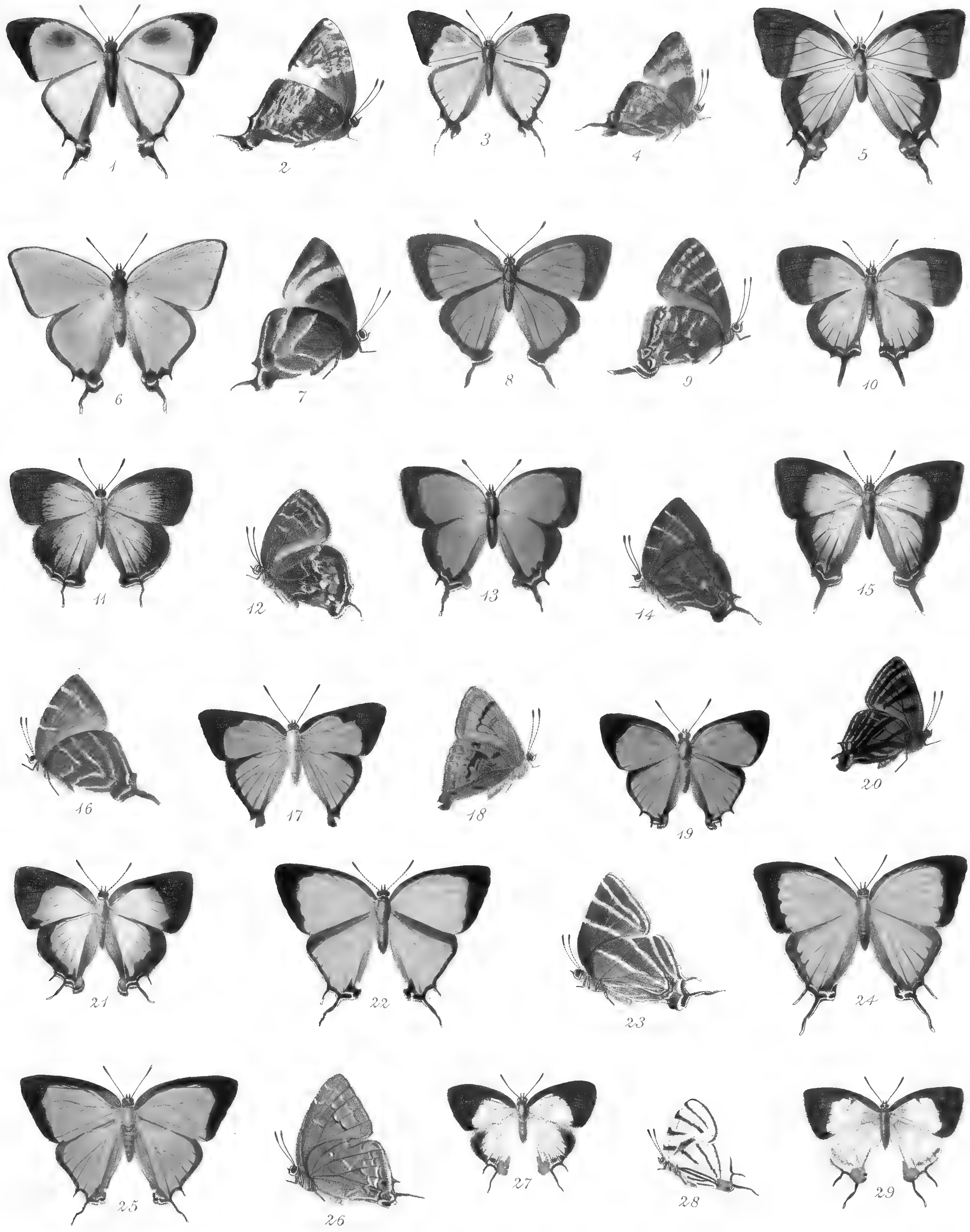
1, 2♂, 3♀ THECLA AUFIDENA.
4, 5♂, 6♀ " PHALEROS.
7, 8♂, 9♀ " COCCINEIFRONS.
10, 11♂, 12♀ " CARTHÆA.

13, 13a, 14♂, 15♀ THECLA CARANUS.
16, 17♂, 18♀ " NEORA.
19, 20♂ " NEPIA.

21, 22♂ THECLA AUGUSTULA.
23♀, 24, 25♂ " OCEIA.
26, 27♂ " LAOTHOE.
28, 29♂ " ERYBATHIS.

W. Purkiss lith.

Hanhart imp.
449.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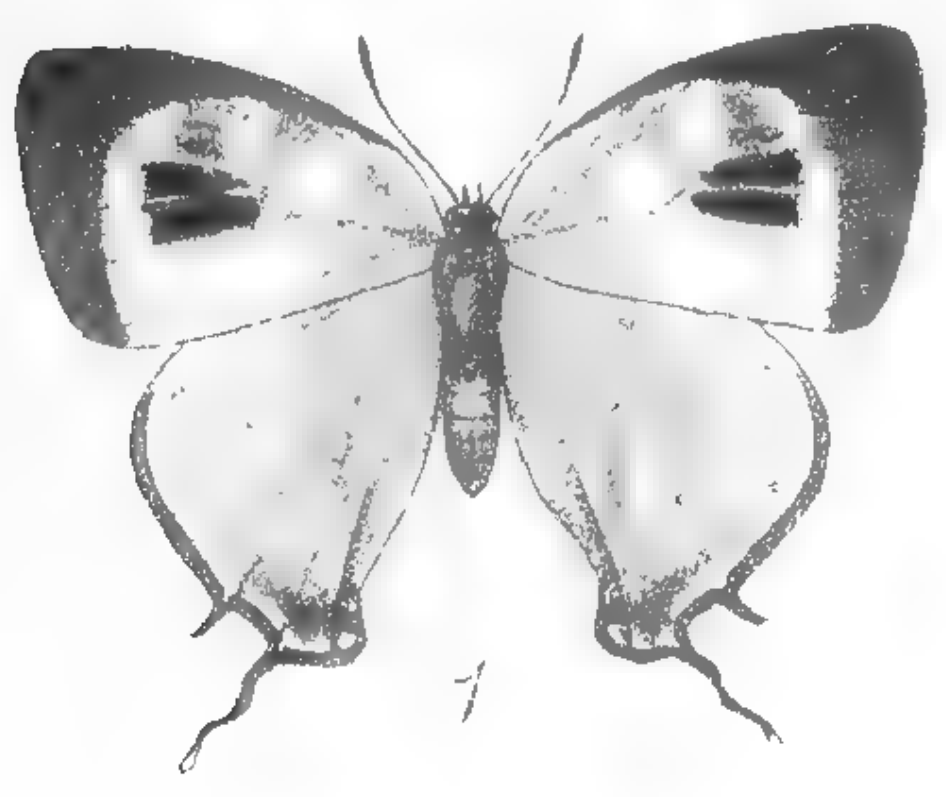
1, 2♂ THECLA BUSA.
3, 4♂ " PERPENNA.
5♀, 6, 7♂ " HYAS.
8, 9♂, 10♀ " CADMUS.

11, 12♀ THECLA PETELINA.
13, 14♂ " FURINA.
15, 16♀ " CYDA.
17, 18♂ " PARTHENIA.

19, 20♂, 21♀ THECLA THEIA.
22, 23♂, 24♀ " BARAJO.
25, 26♂ " EUNUS.
27, 28♂, 29♀ " PHÆA.

W. Purkiss lith. Hanhart imp.
459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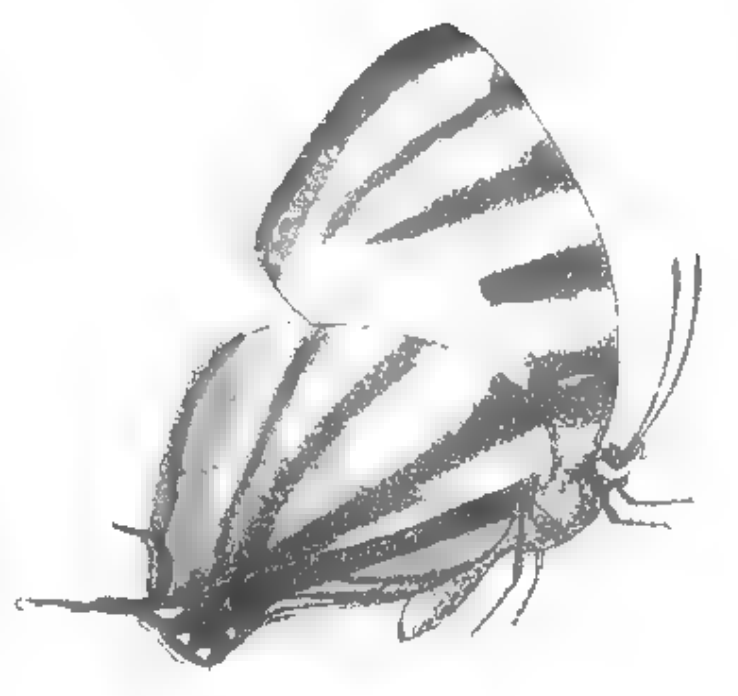
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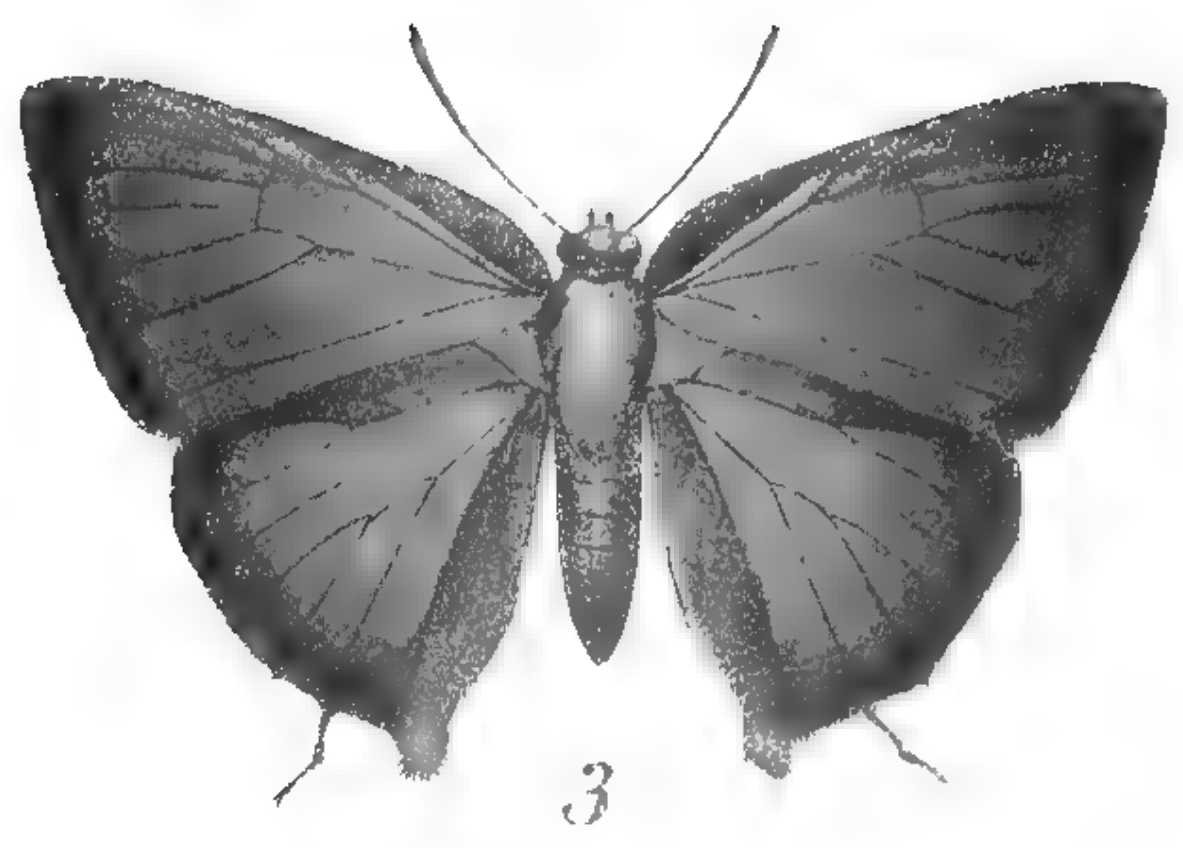
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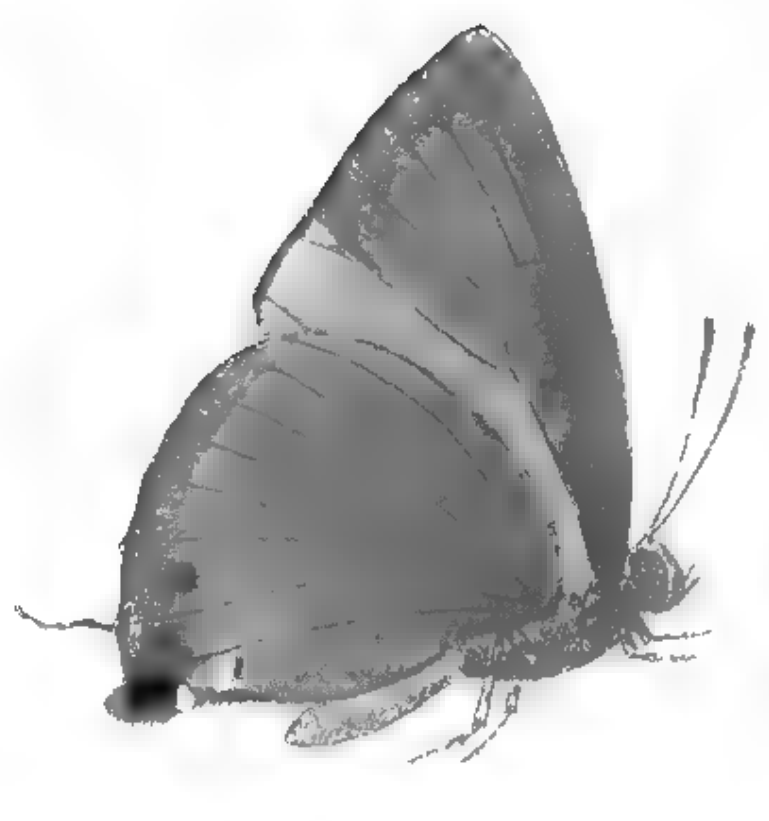
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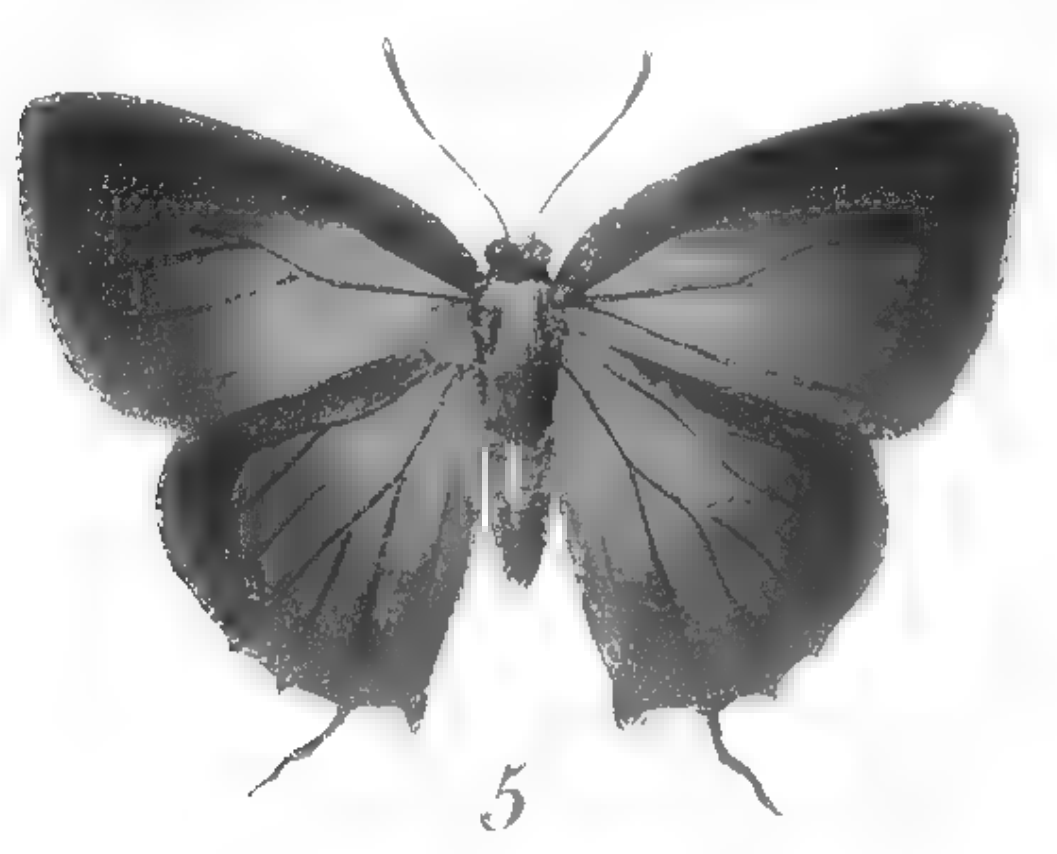
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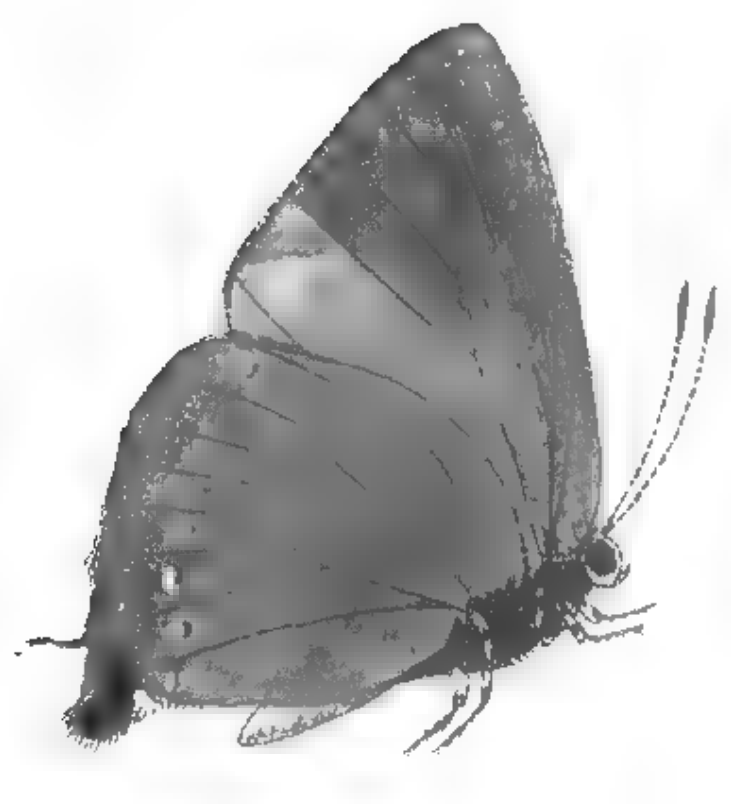
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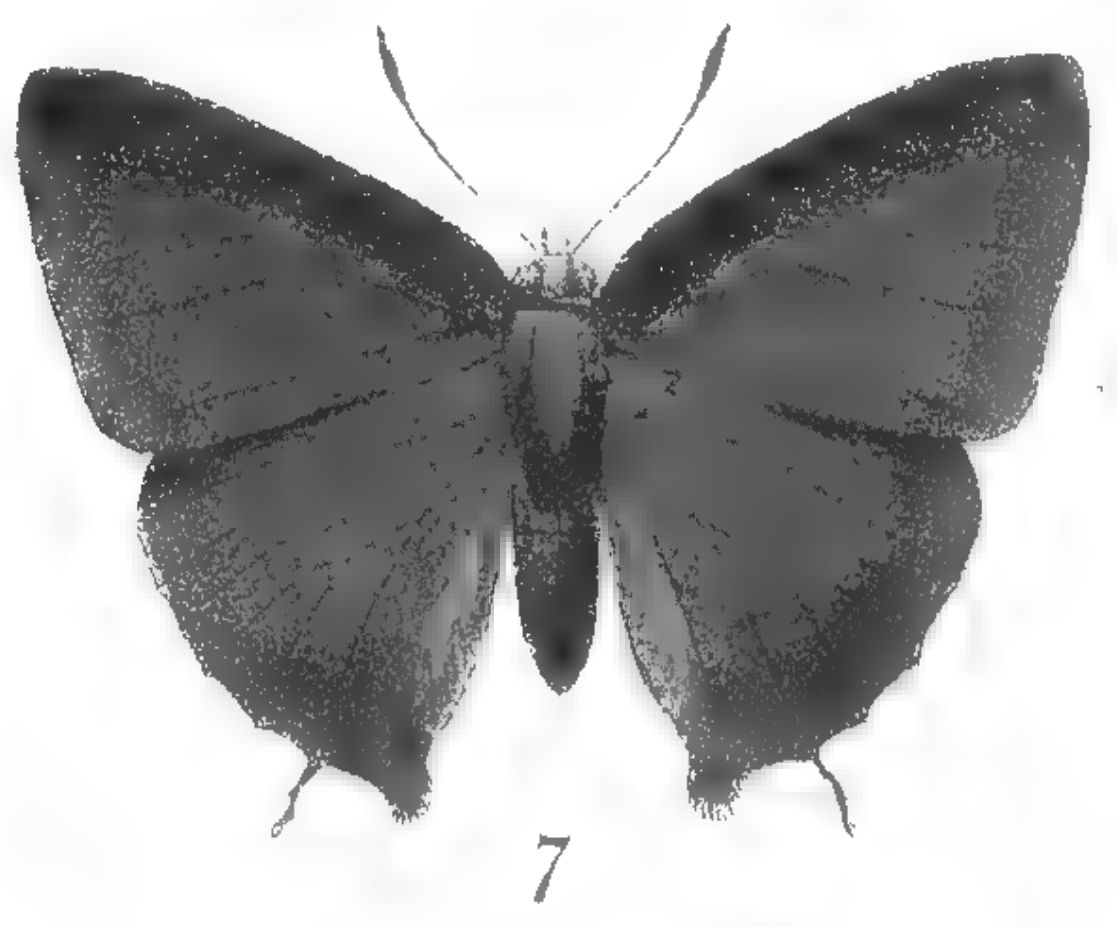
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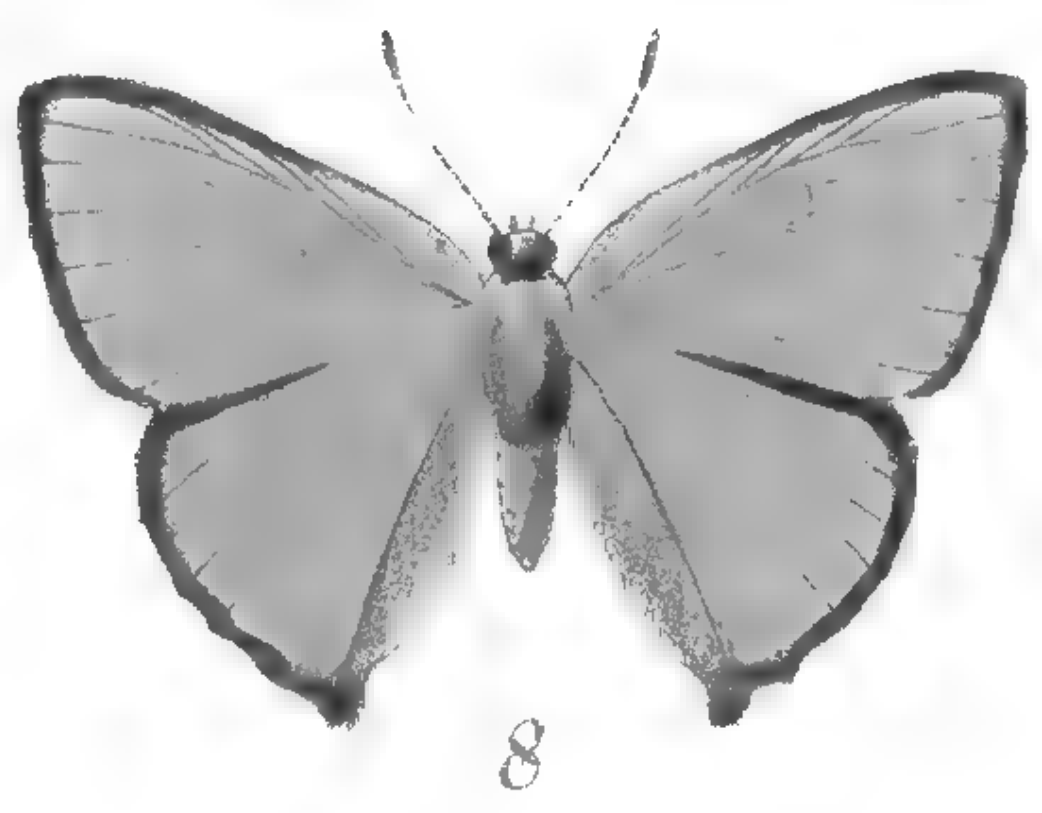
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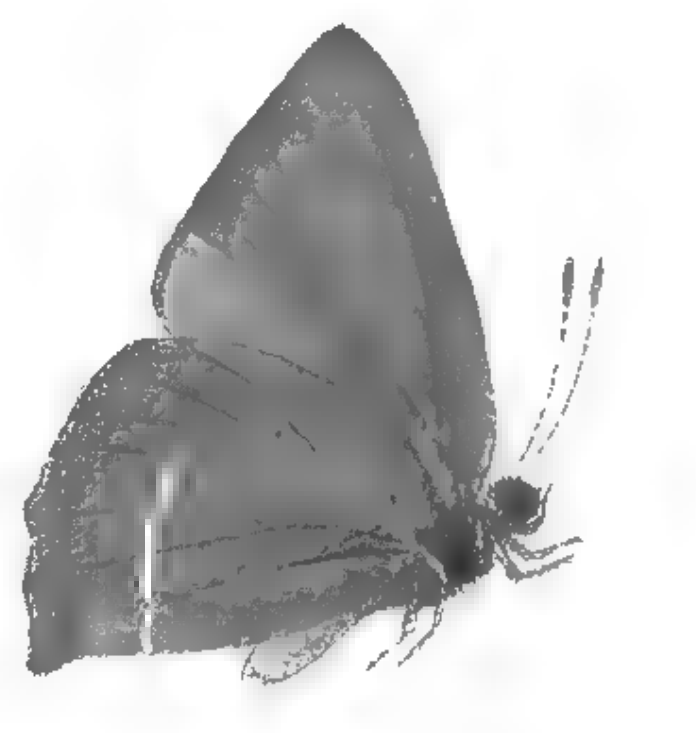
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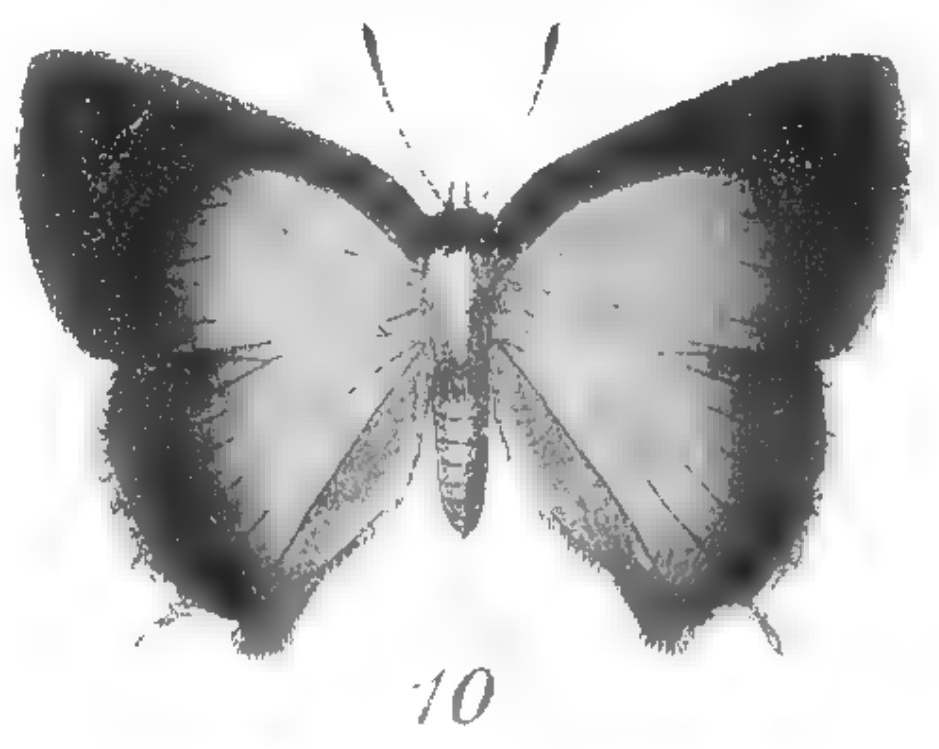
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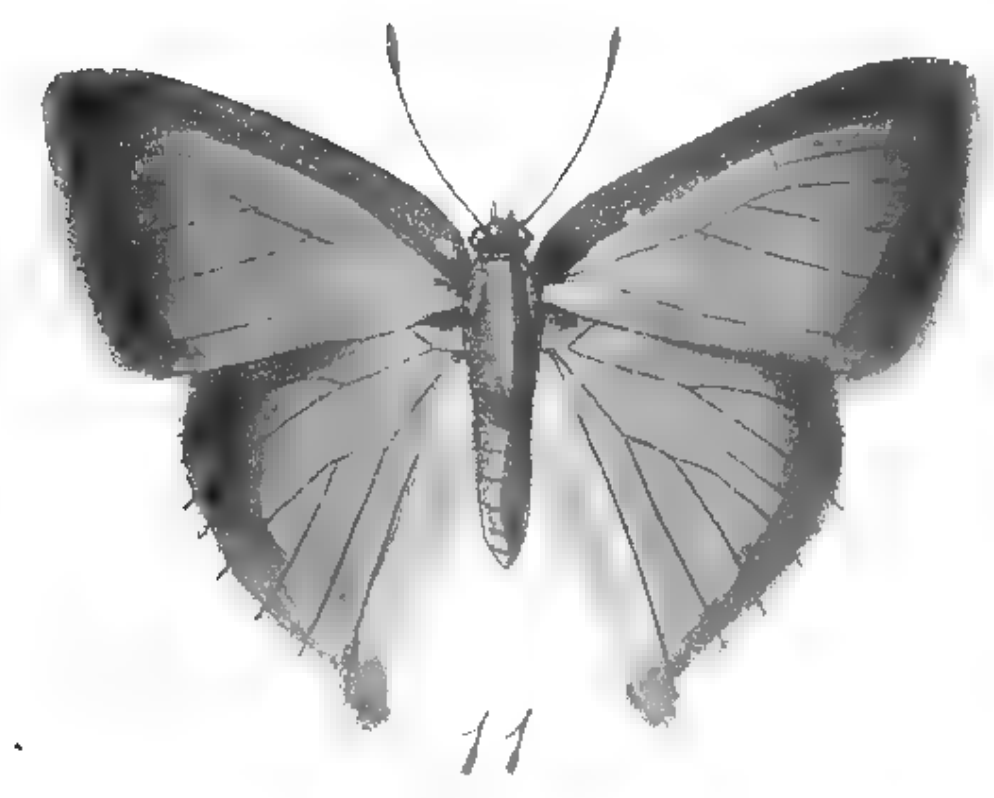
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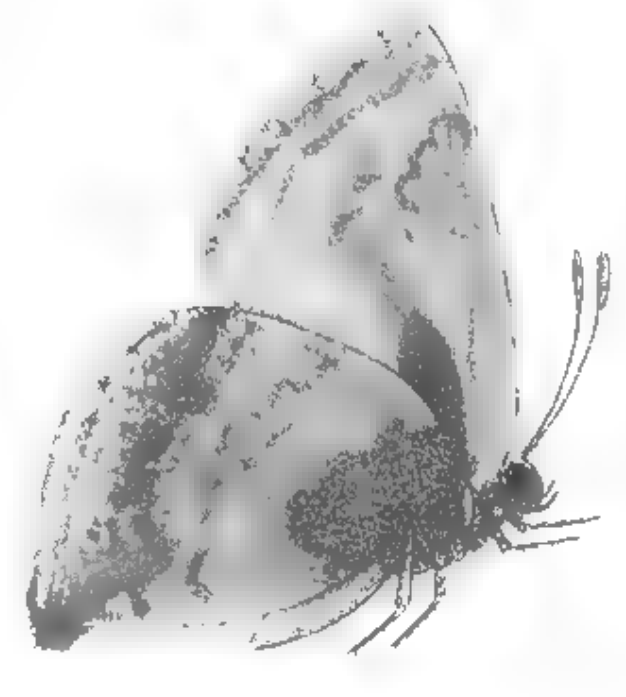
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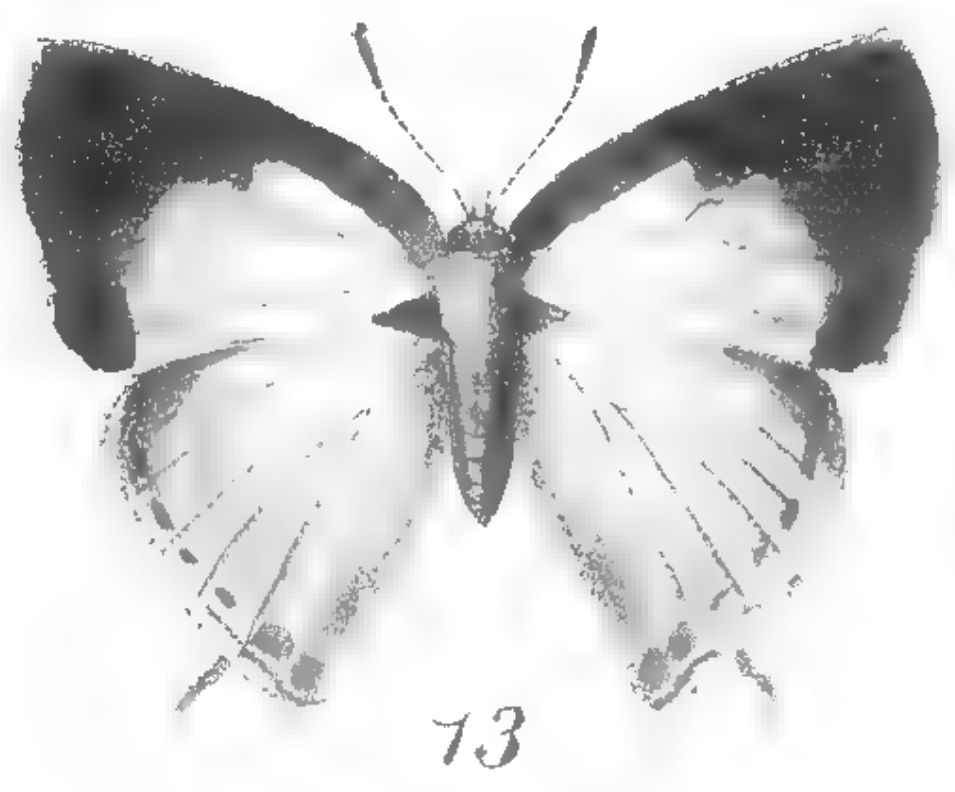
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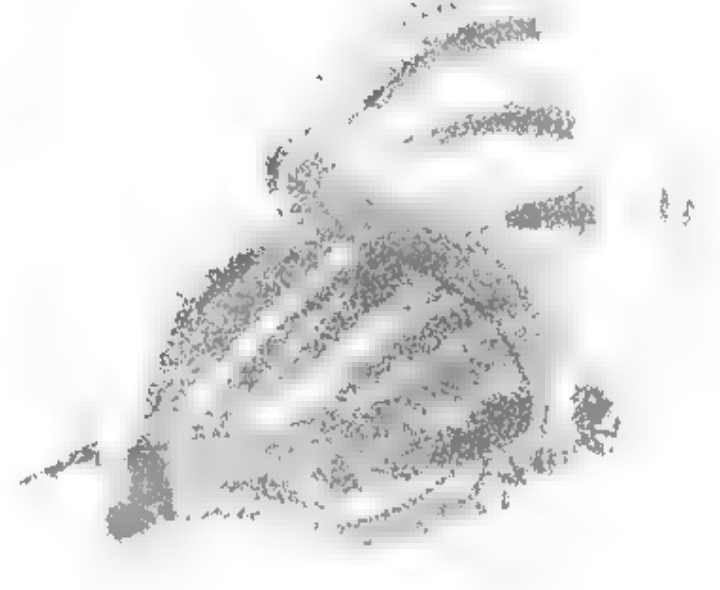
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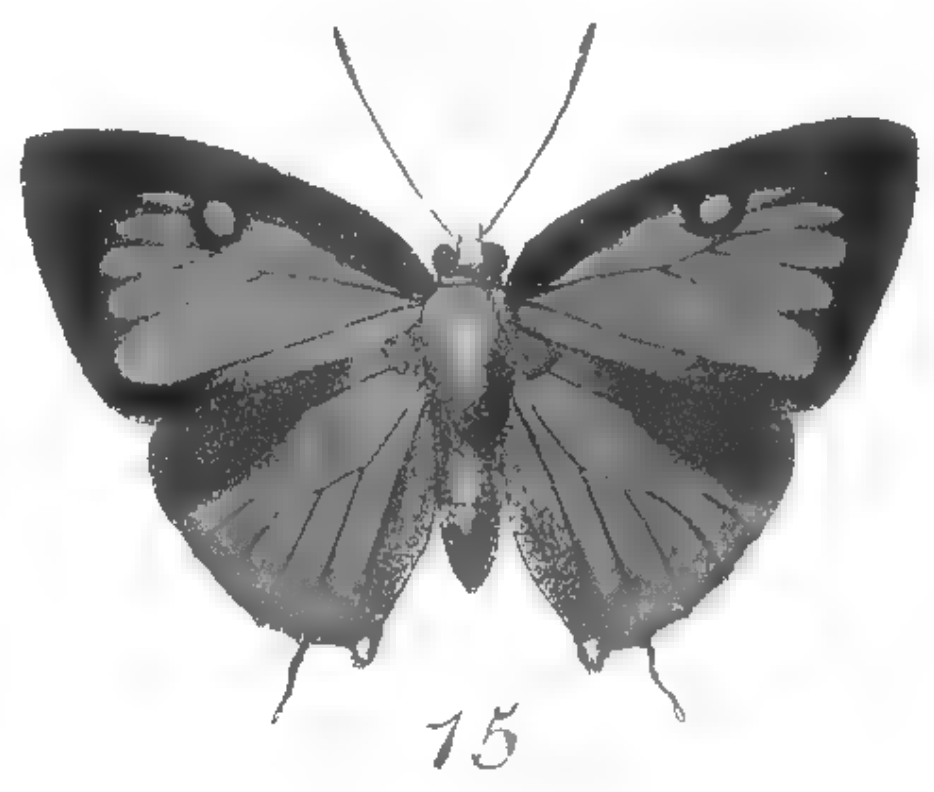
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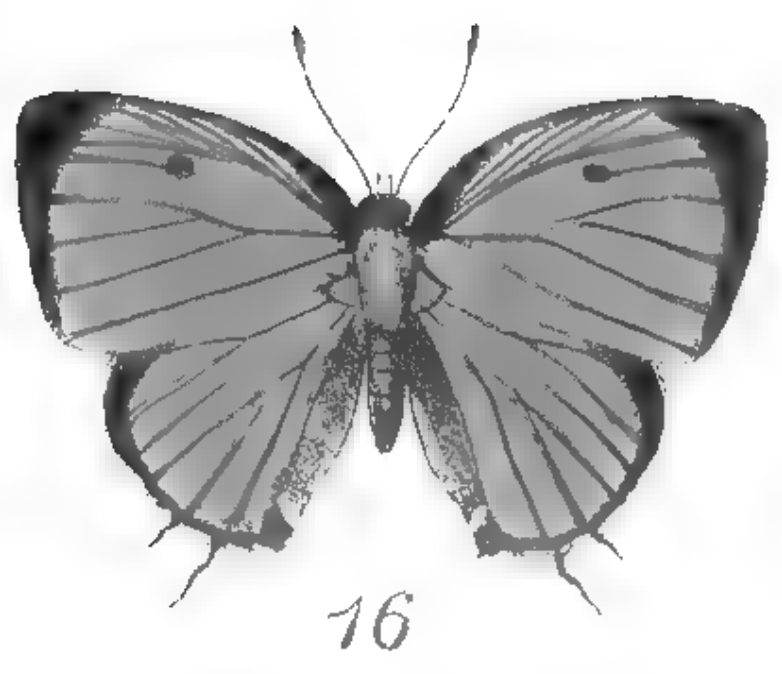
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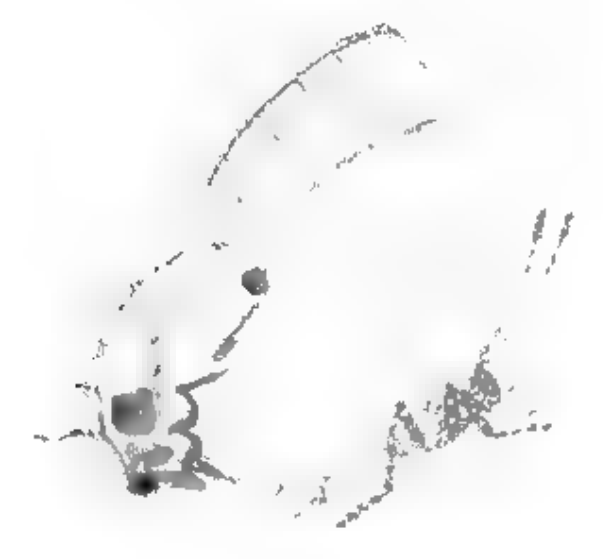
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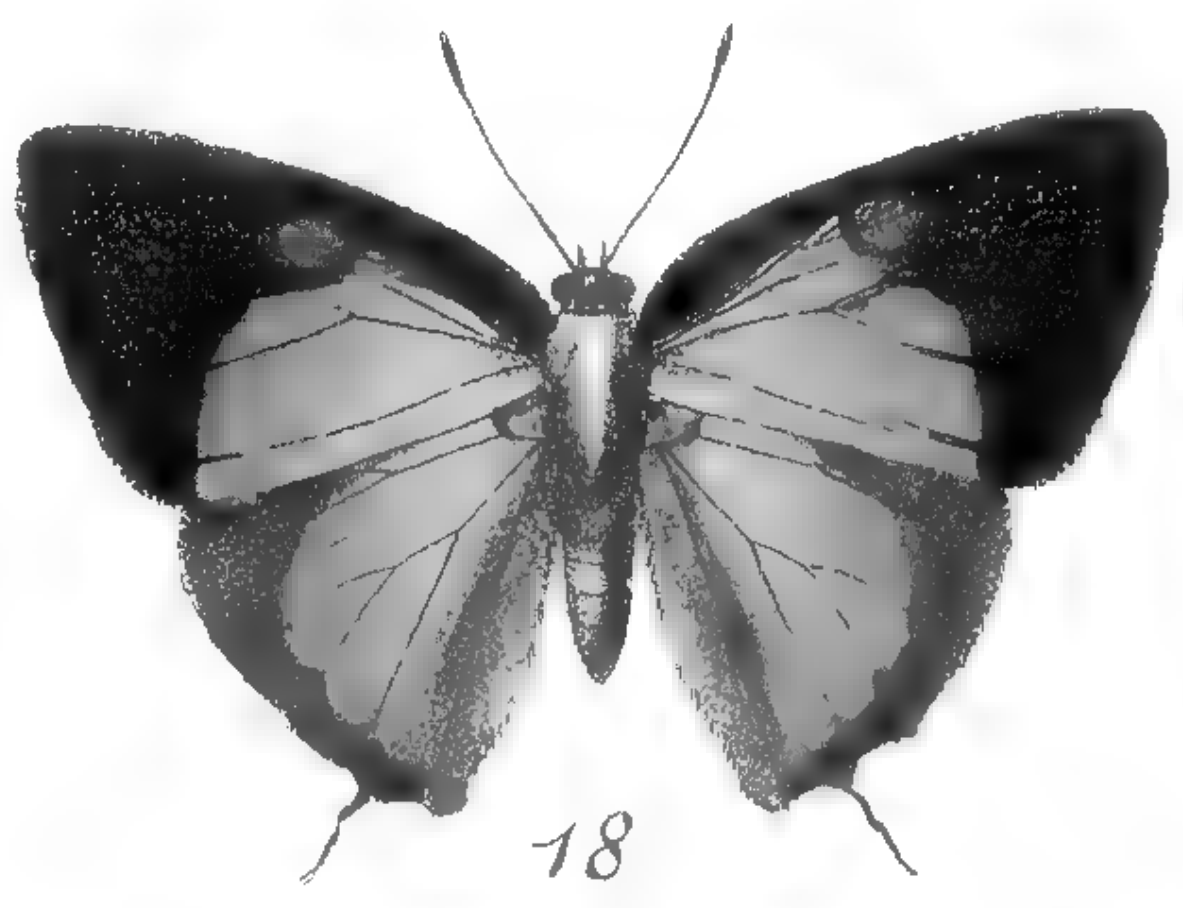
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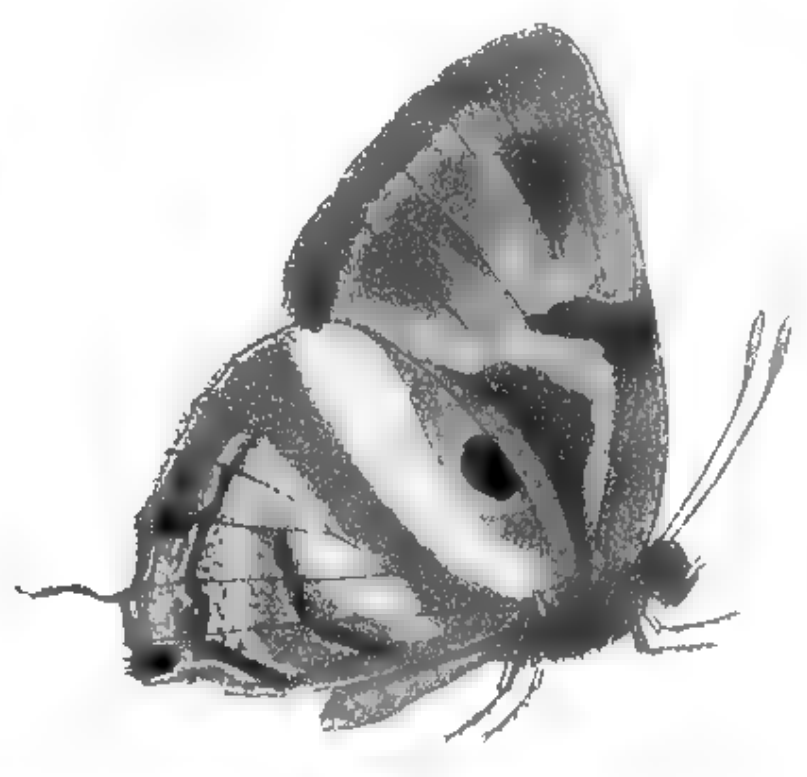
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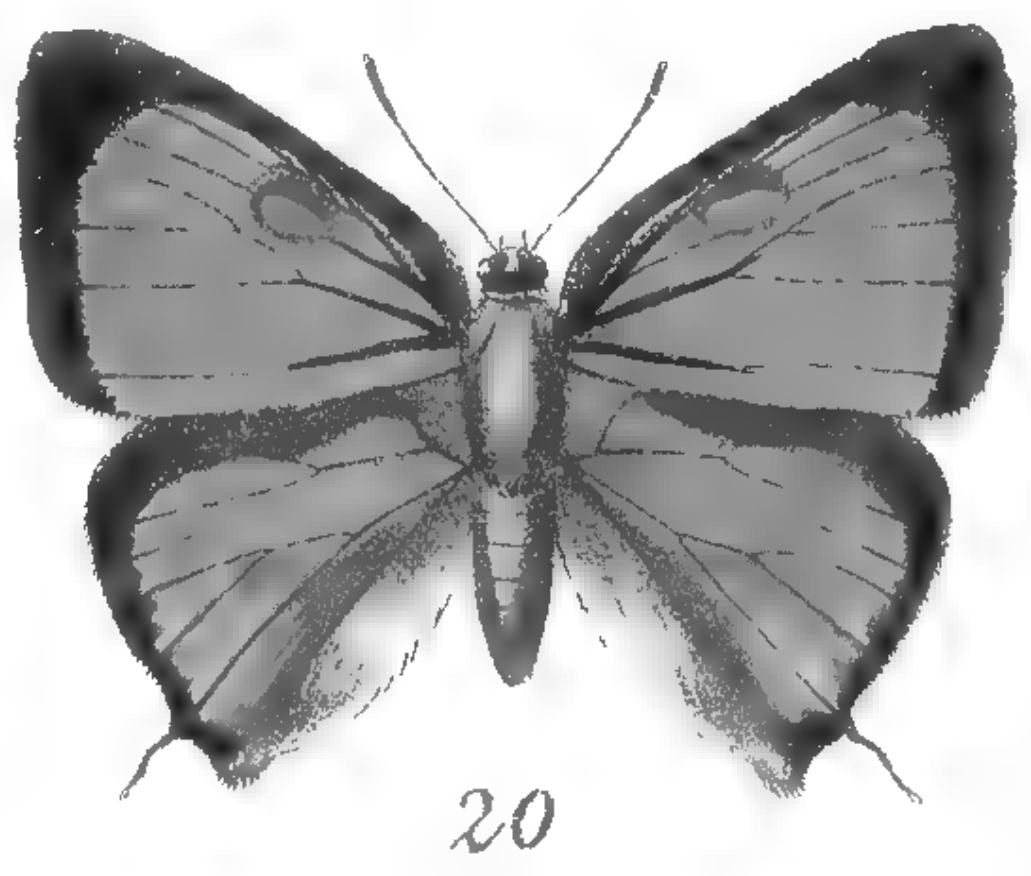
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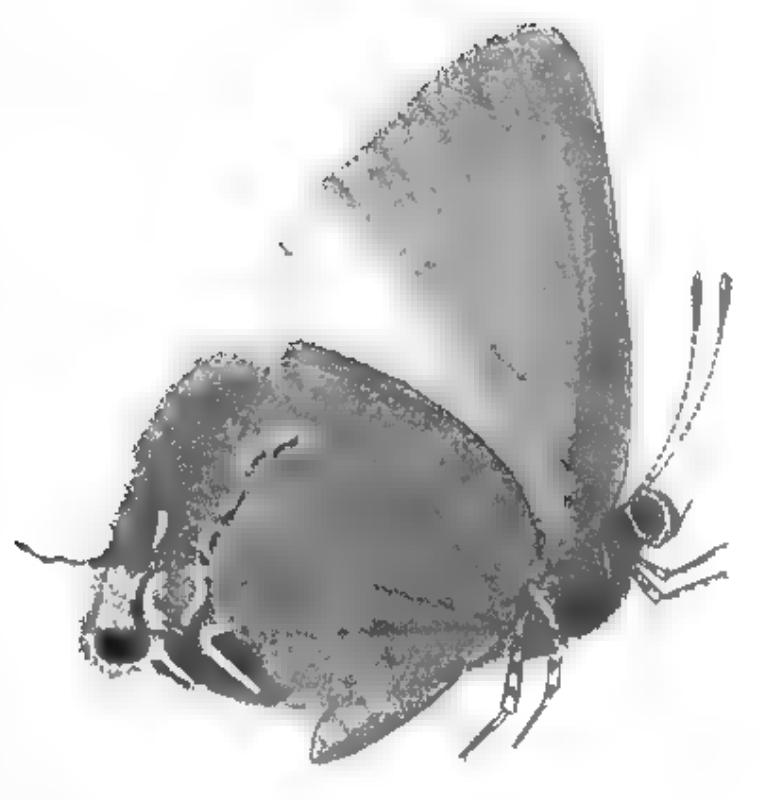
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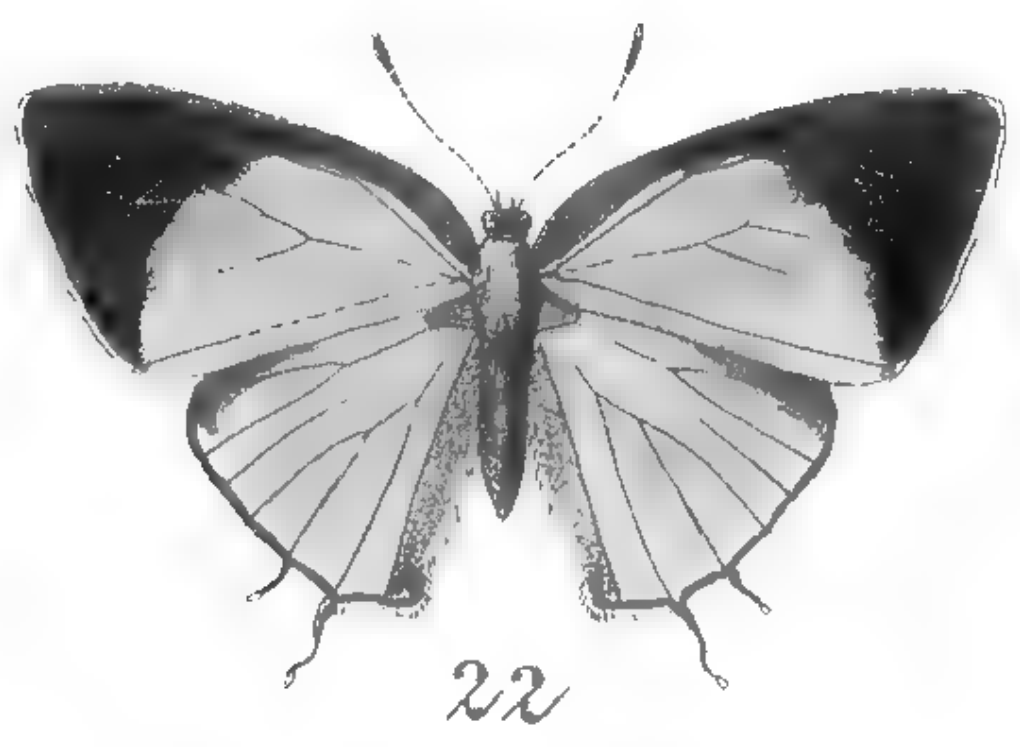
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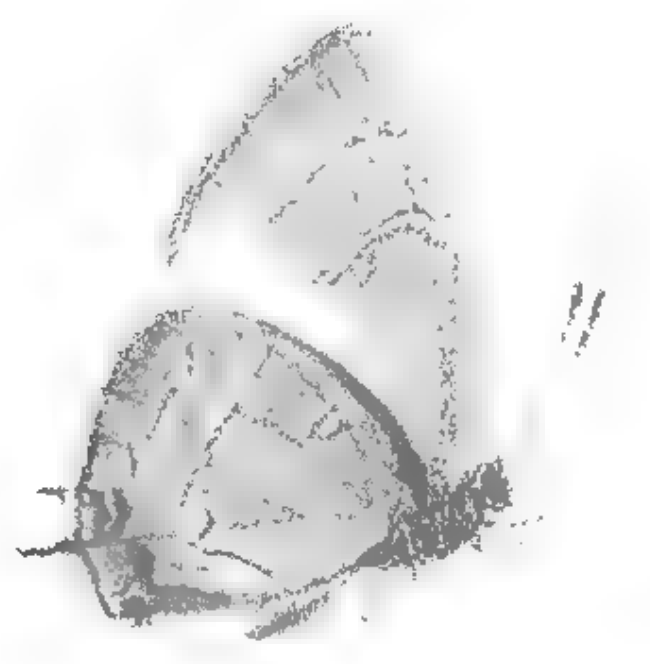
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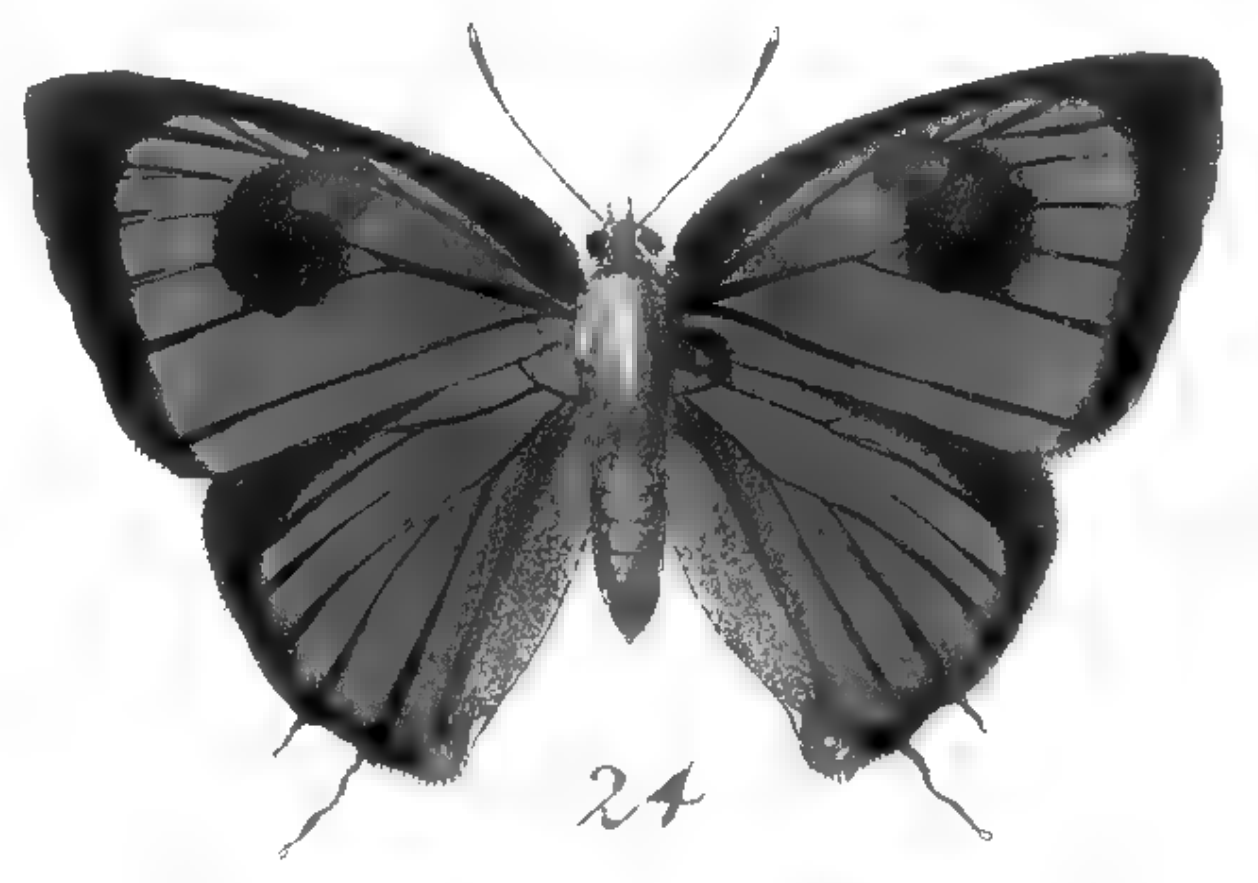
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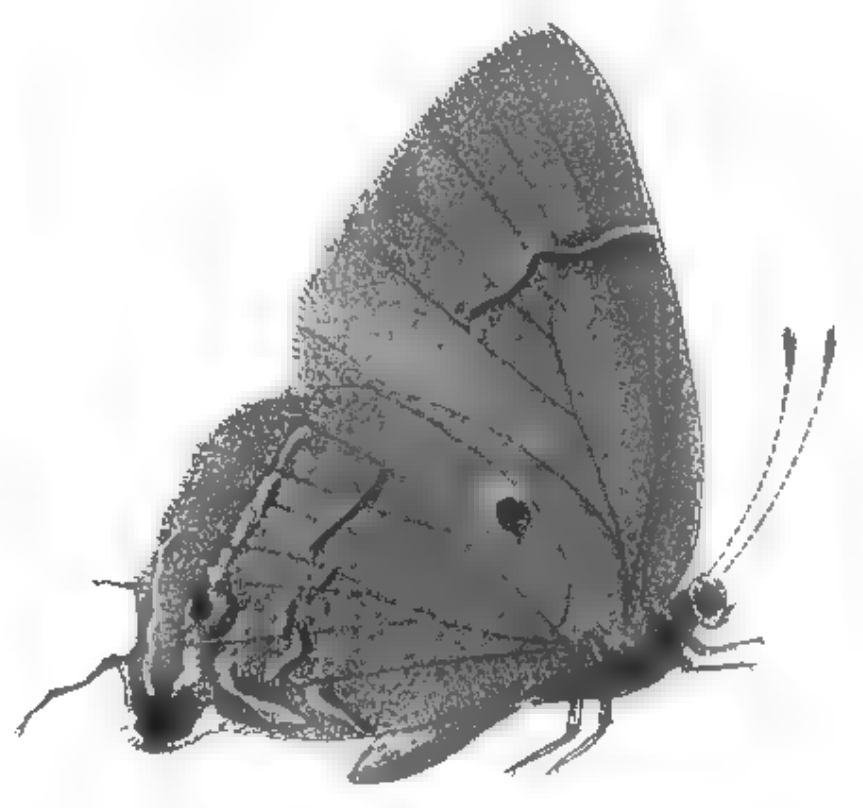
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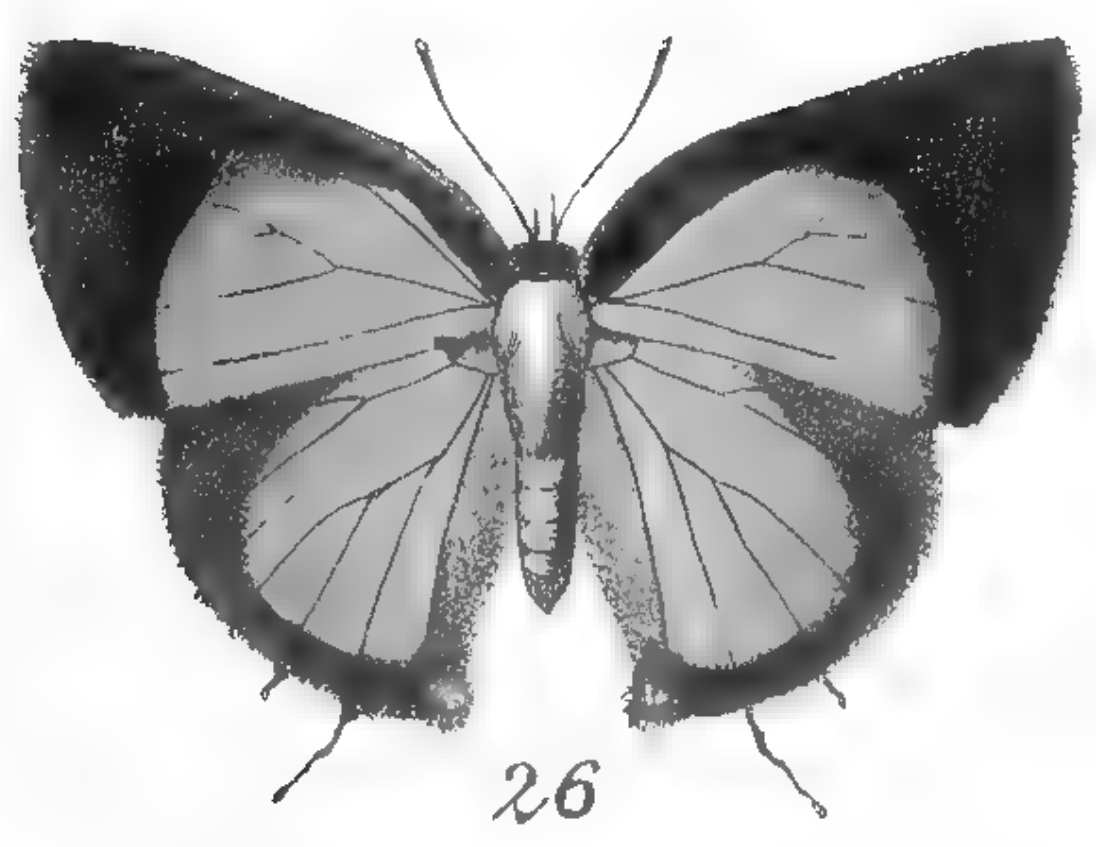
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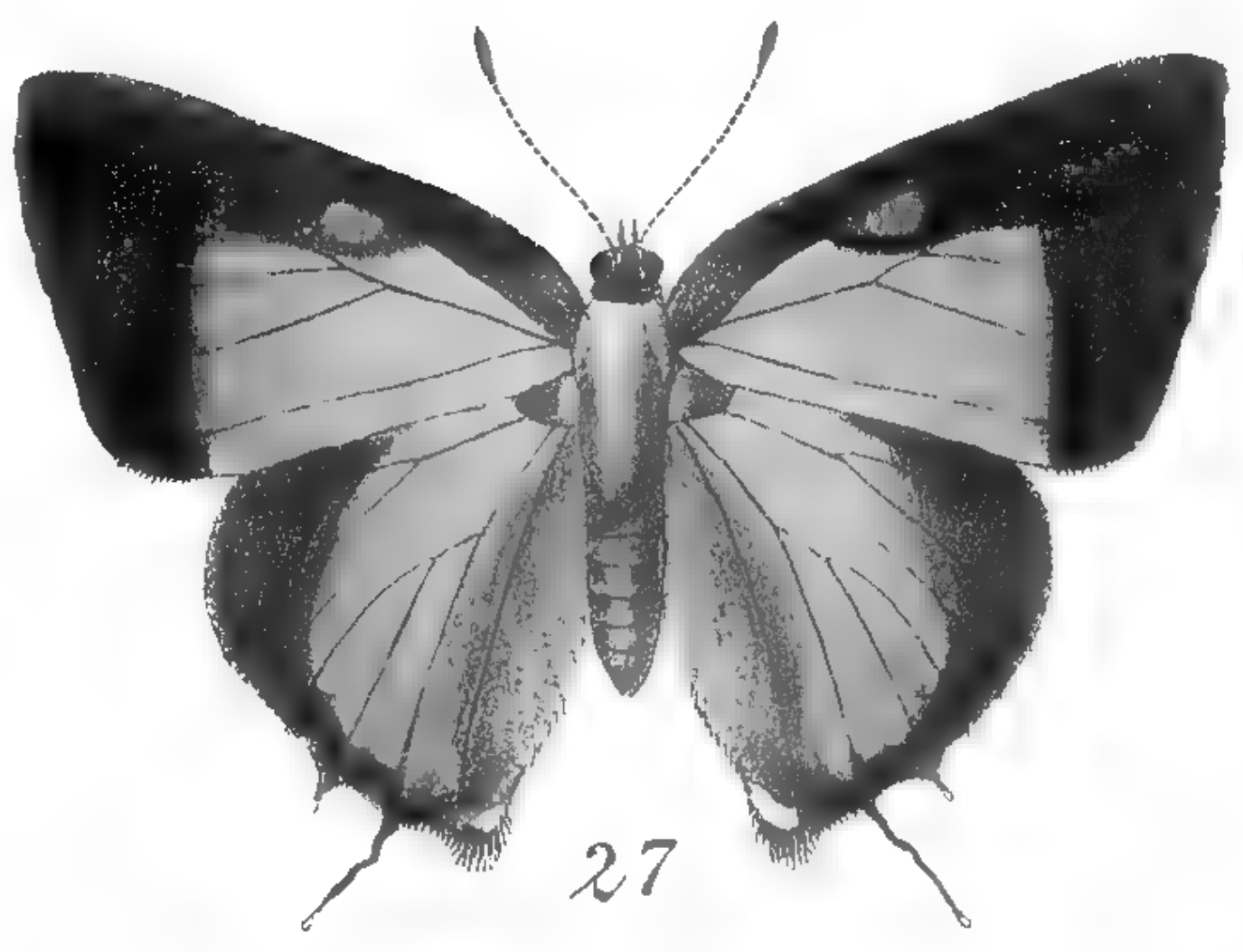
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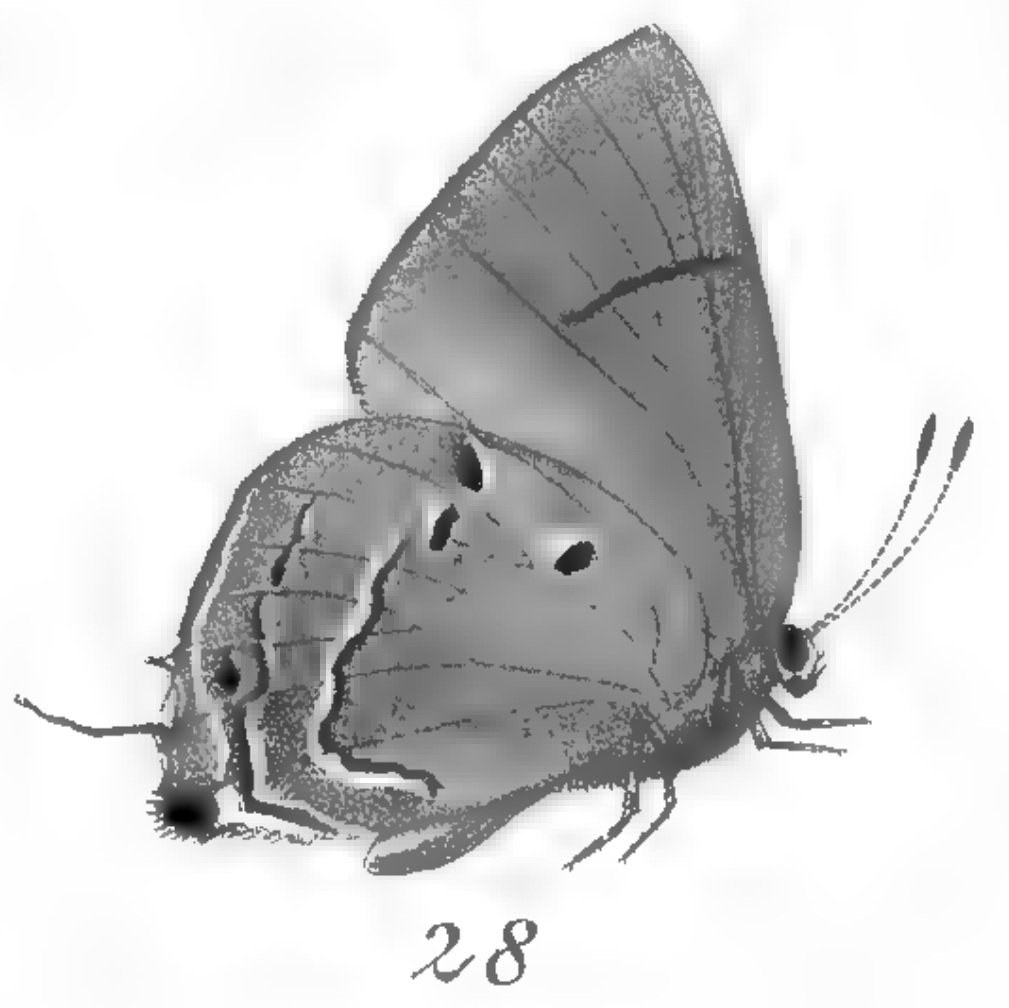
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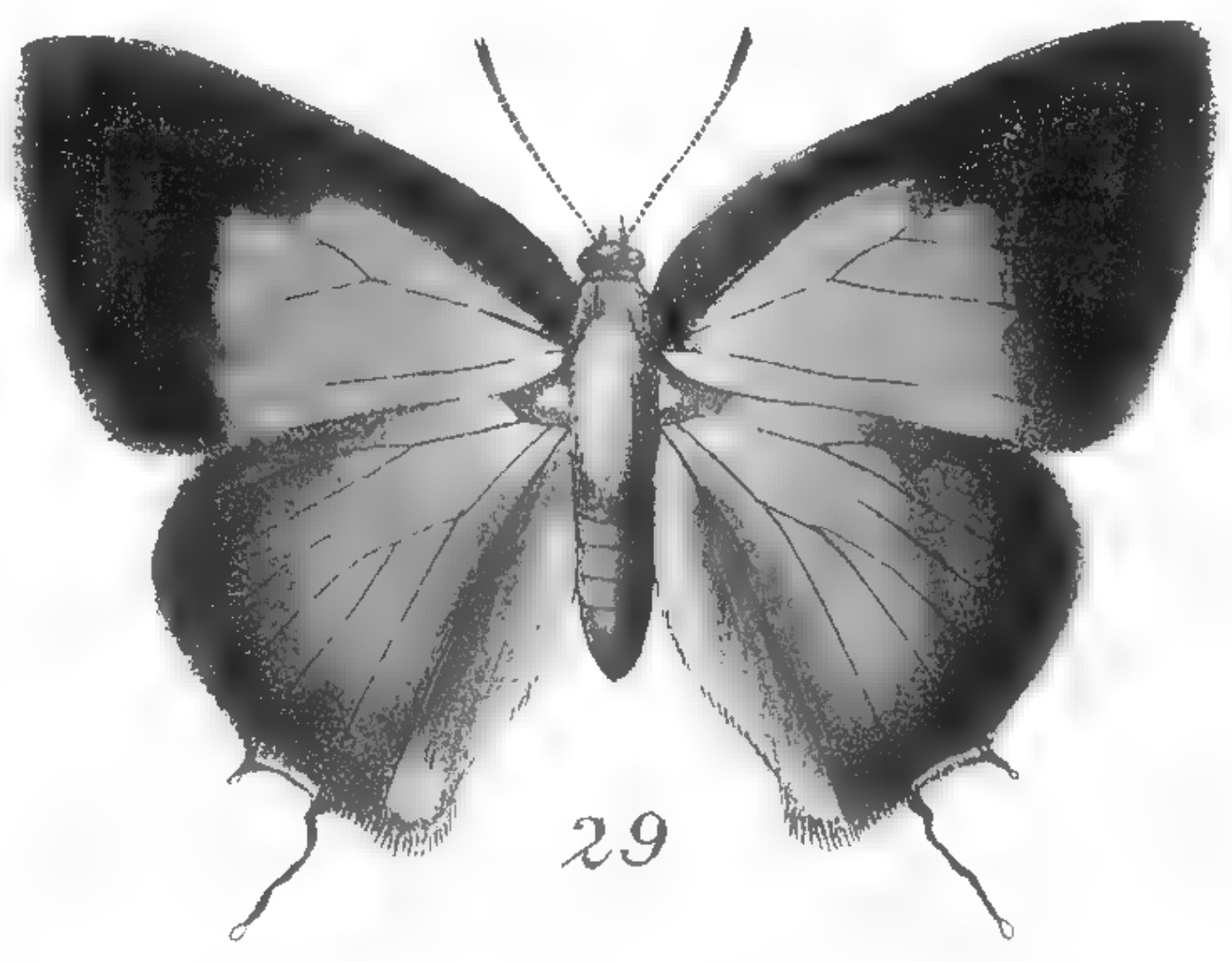
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3,4♂,5♀ » HERODOTUS.
6,7♂ » FUSIUS.
8,9♂,10♀ » PASTOR.

11,12♂ THECLA AGRICOLOR.
13,14♂ » JADA.
15♂ » JANIAS.
16,17♂ » TALAYRA.
18,19♂ » ATESA.

20,21♂ THECLA HYPSEA.
22,23♂ » JANTHINA.
24,25♂, 26♀ » ORGIA.
27,28♂, 29♀ » EPYTUS.

W. Purkiss lith.

Hanhart imp.
463.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
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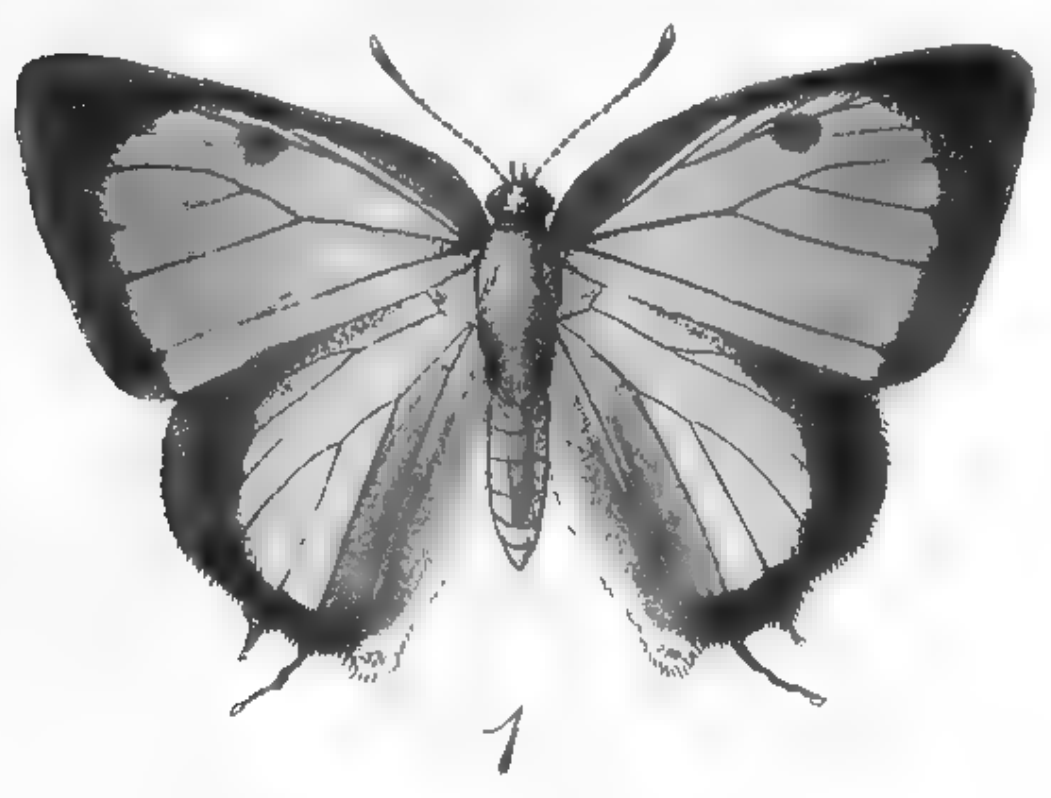
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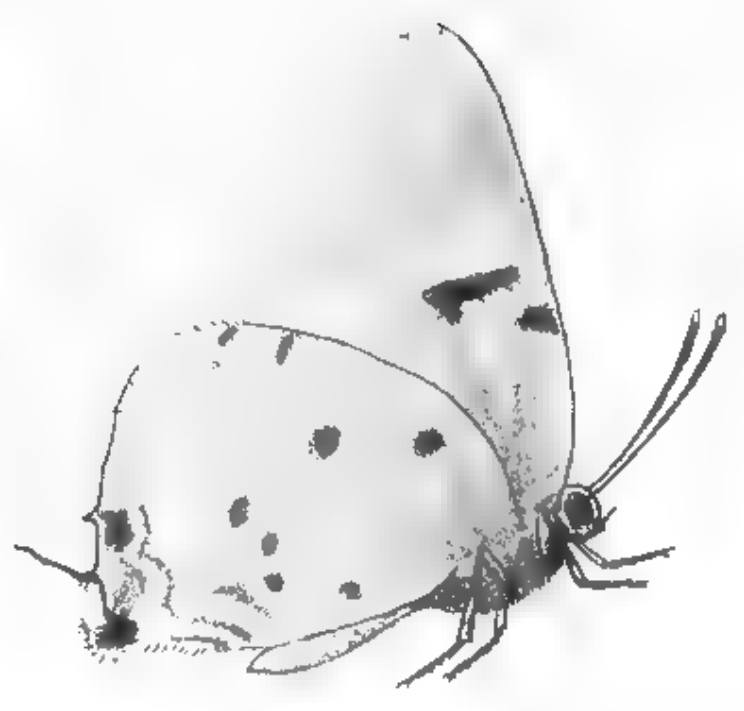
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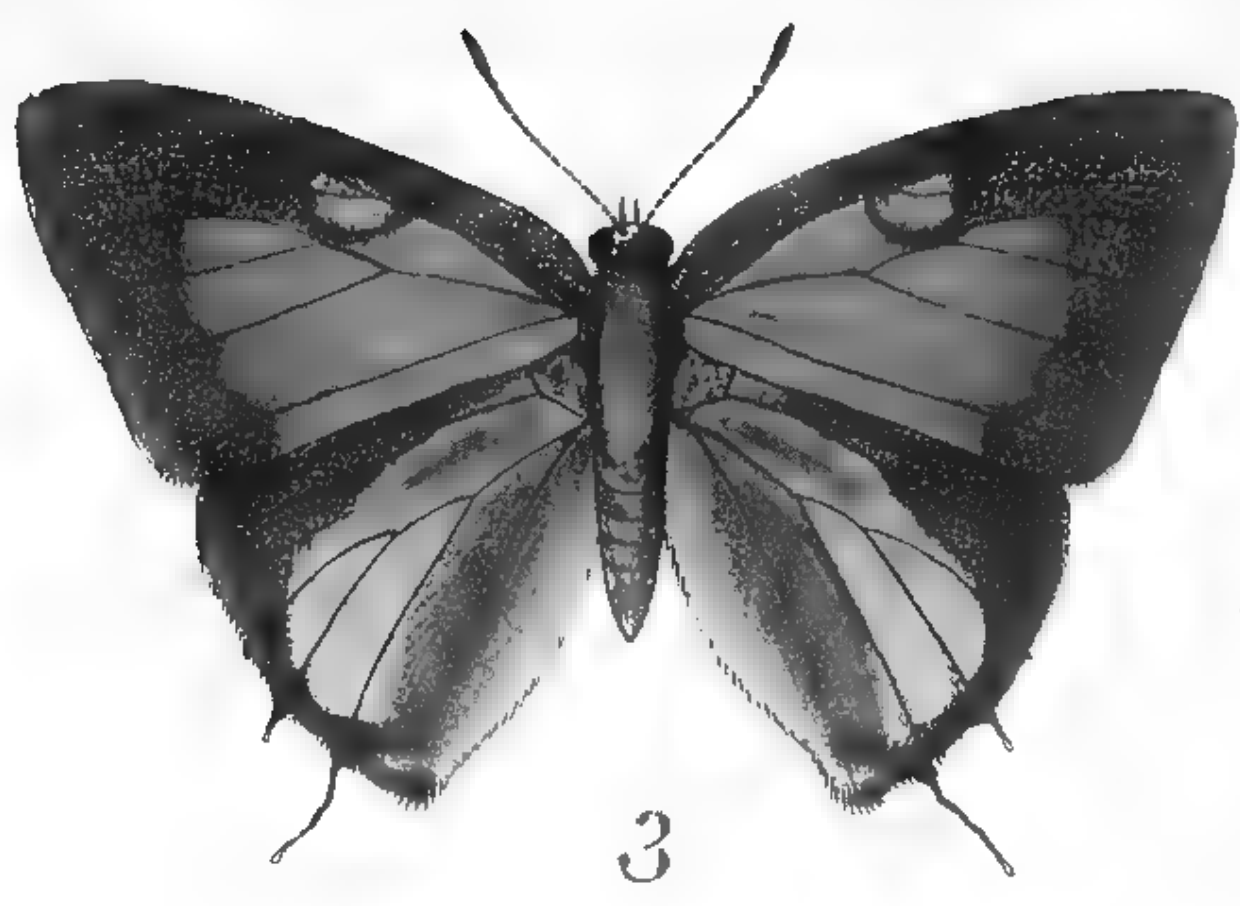
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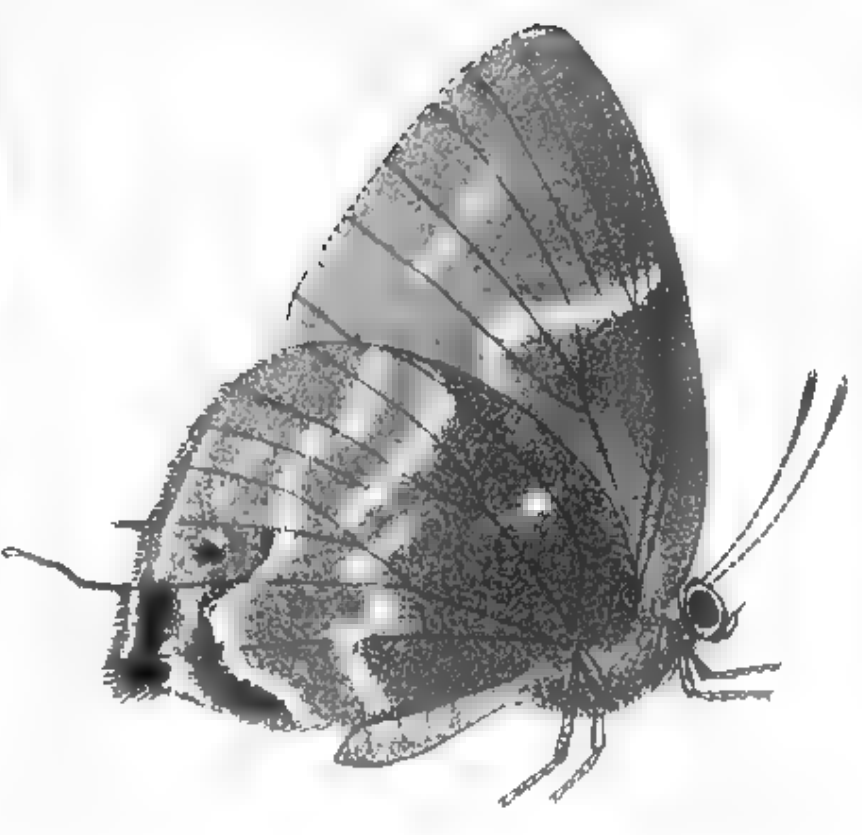
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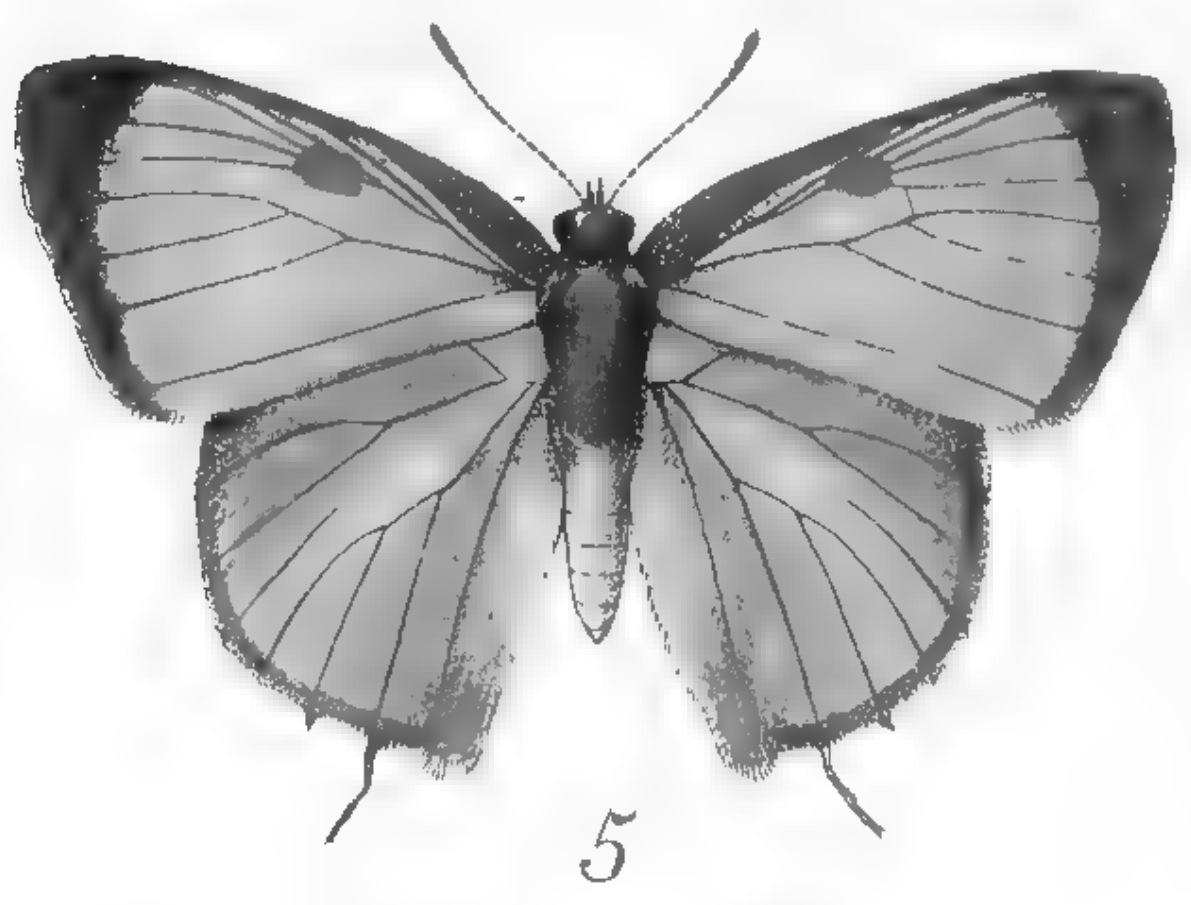
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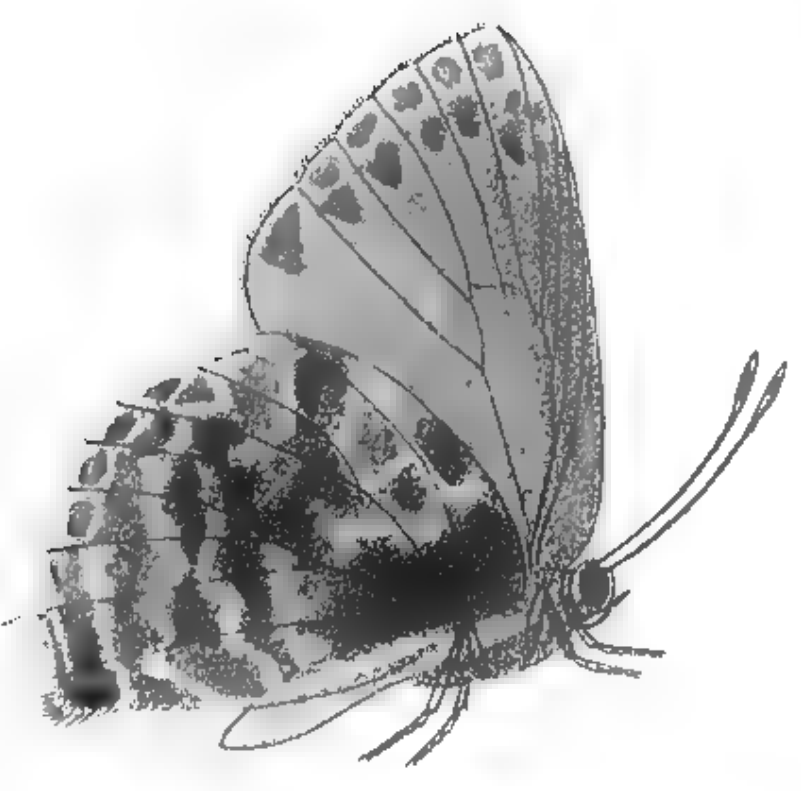
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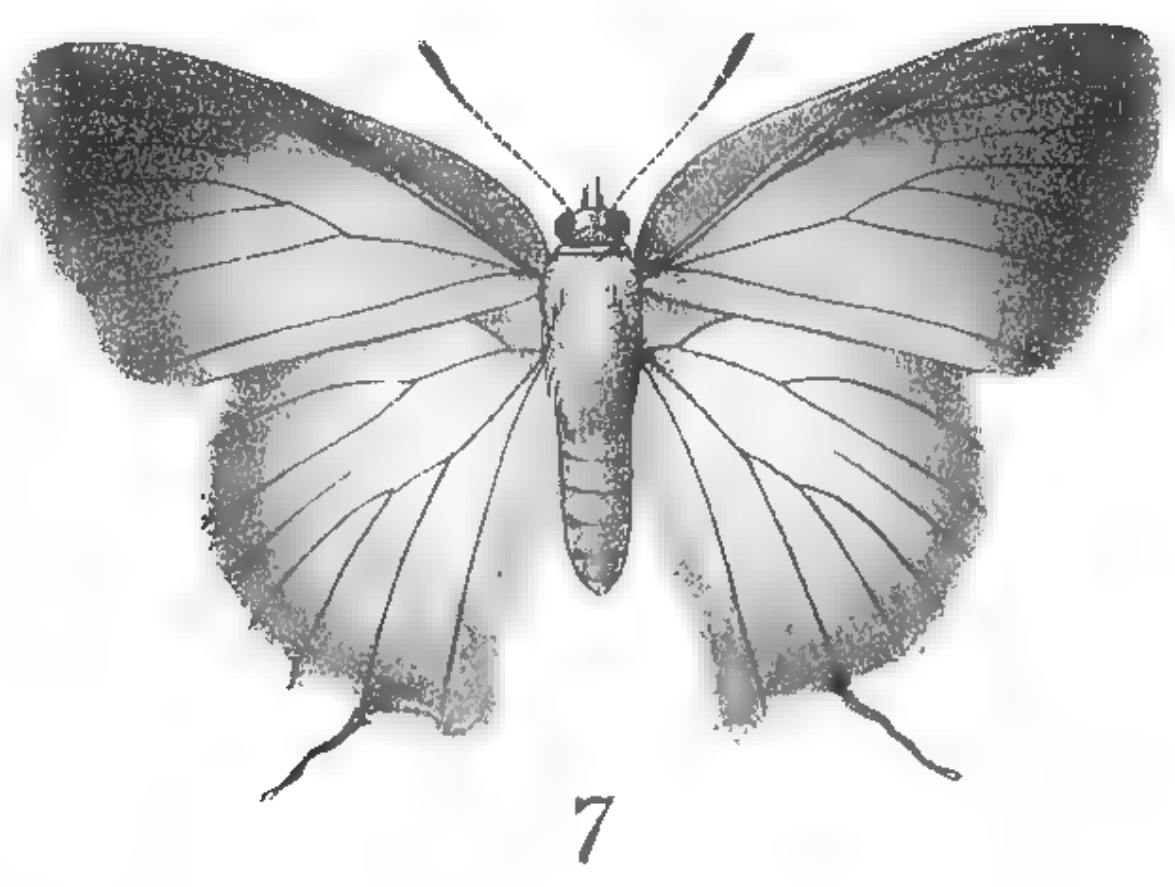
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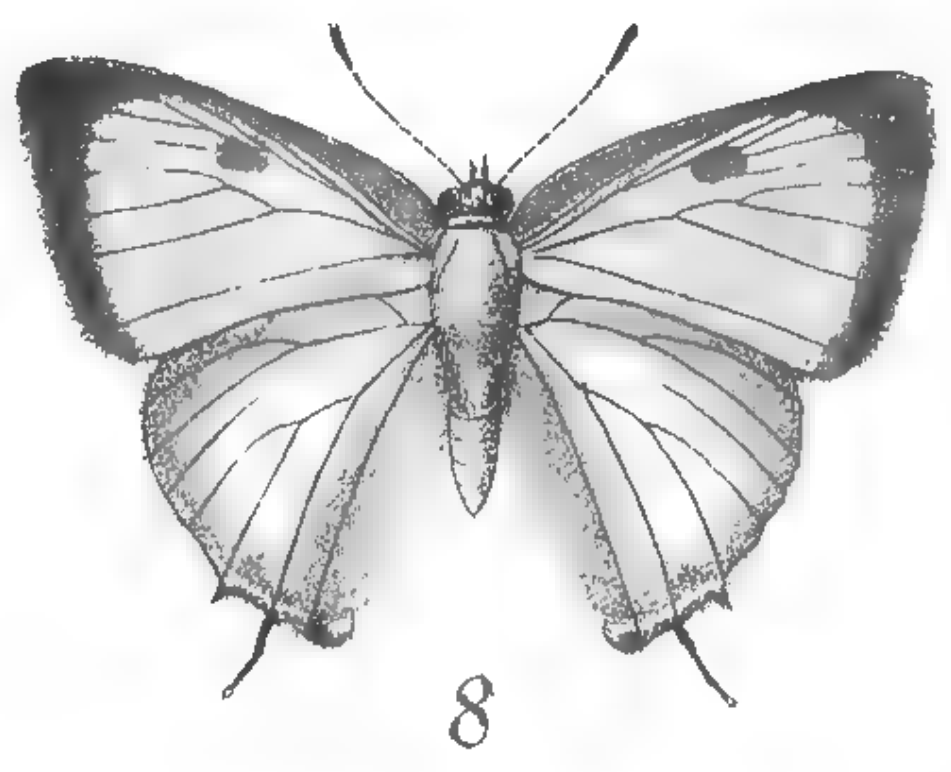
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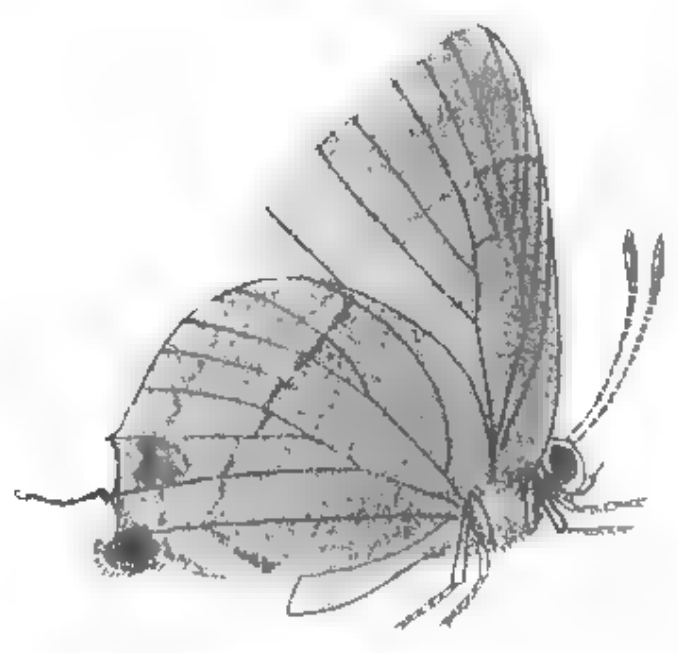
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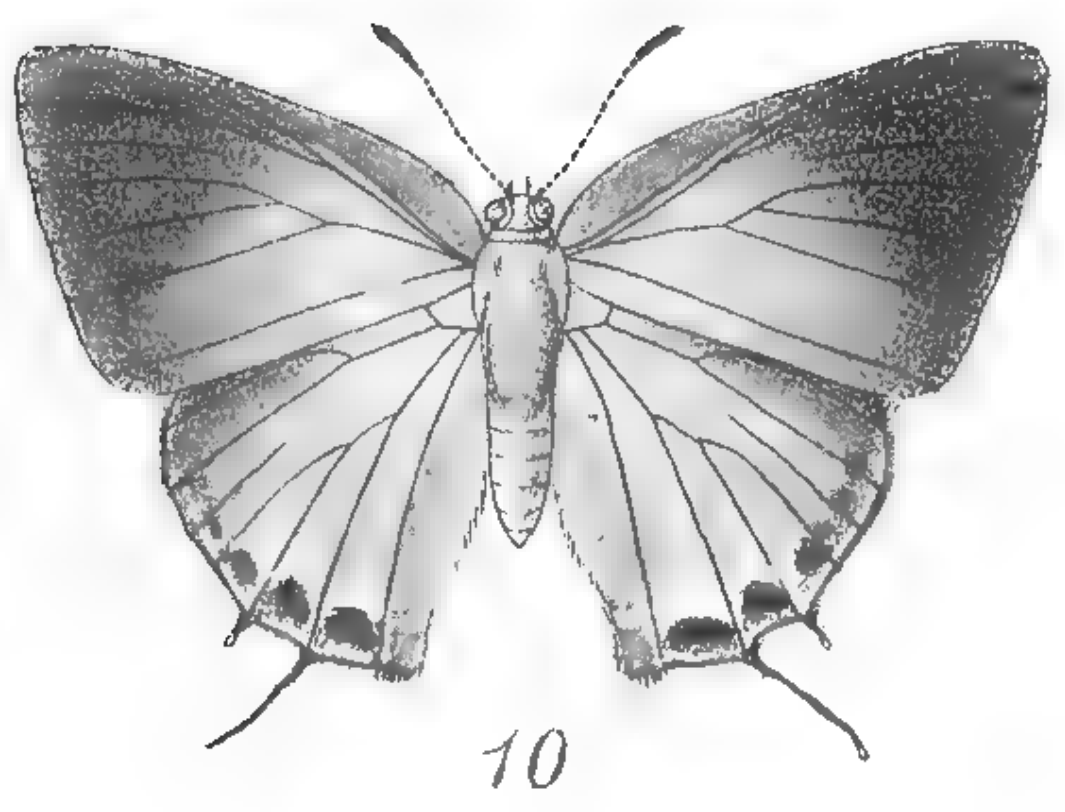
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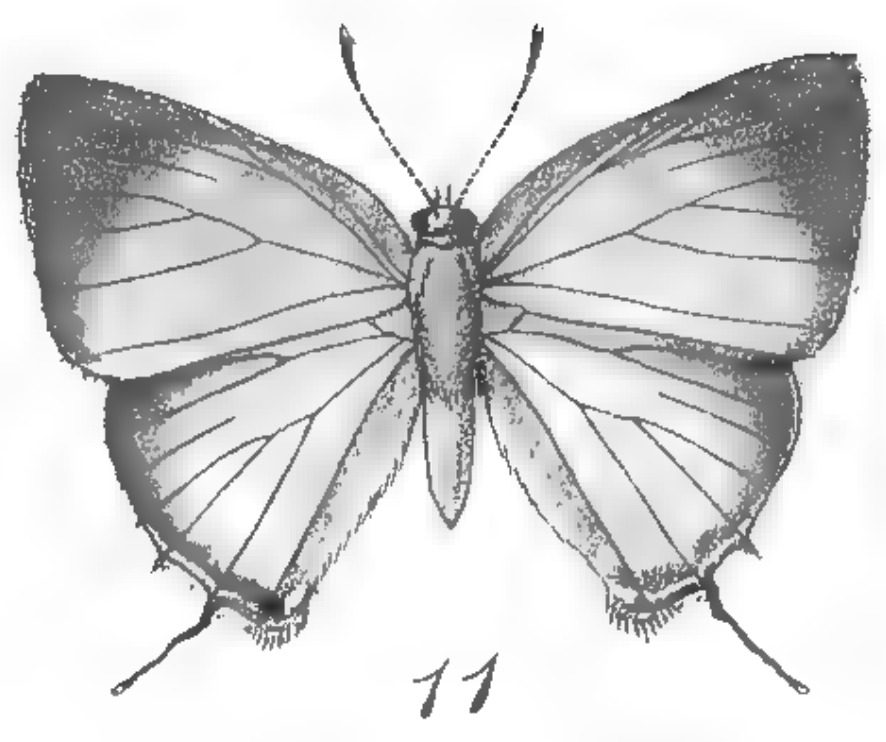
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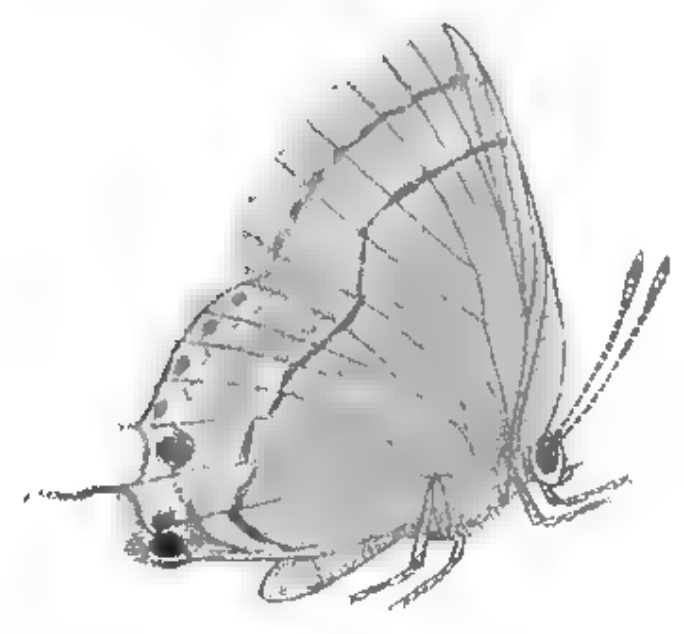
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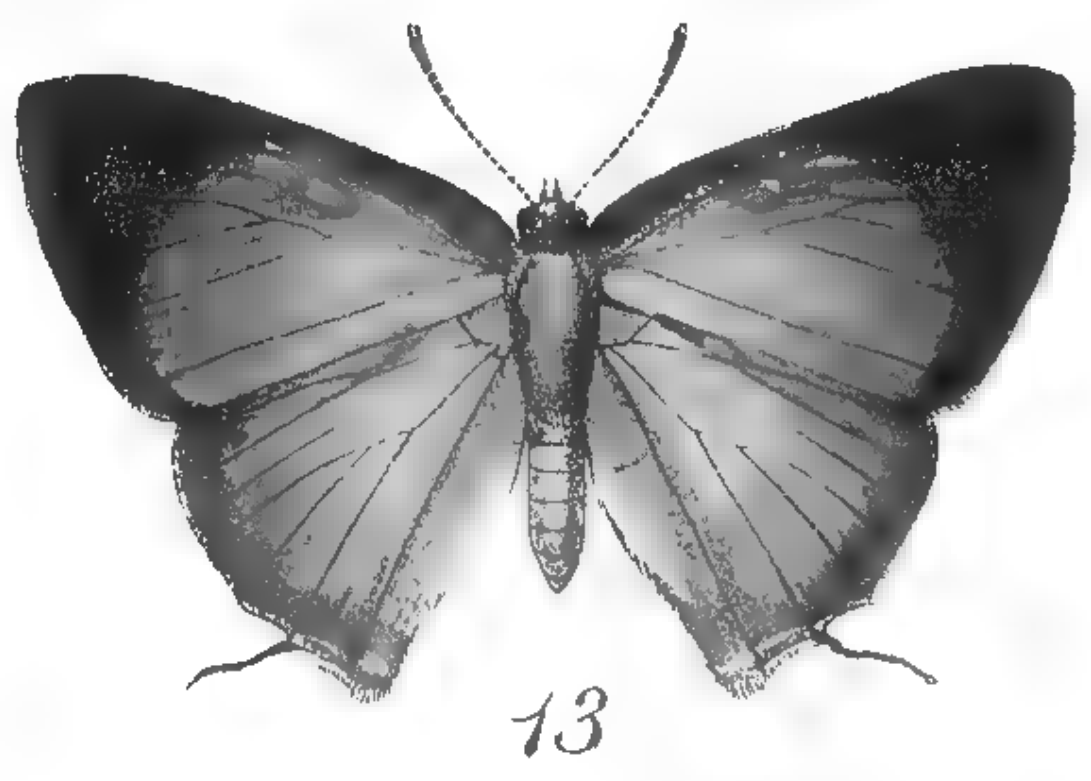
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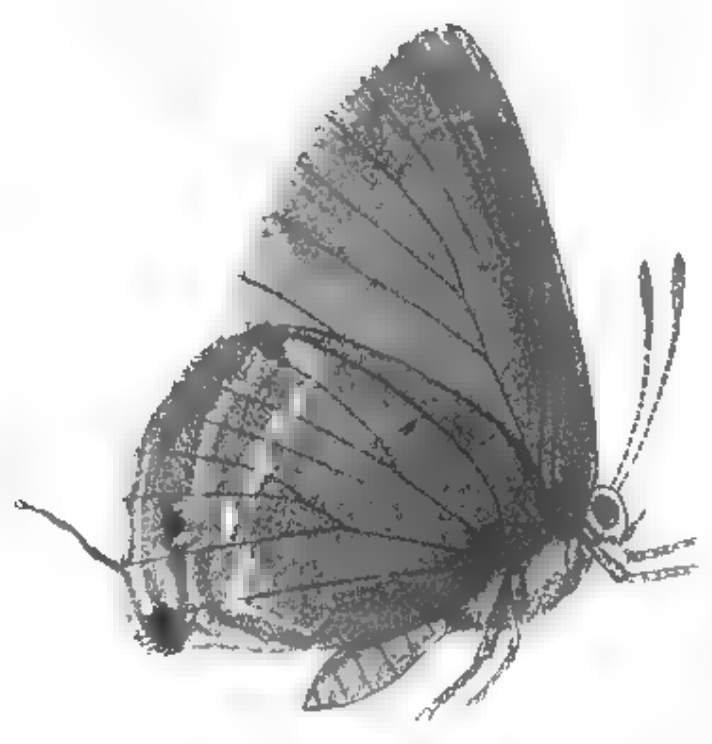
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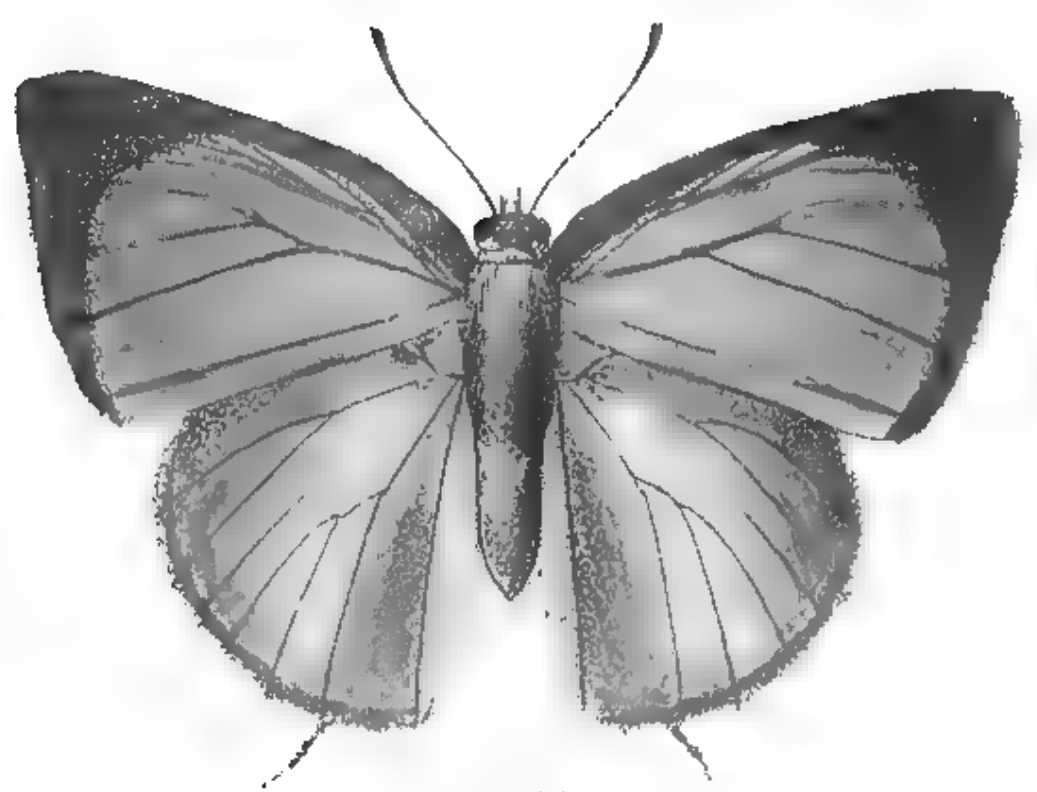
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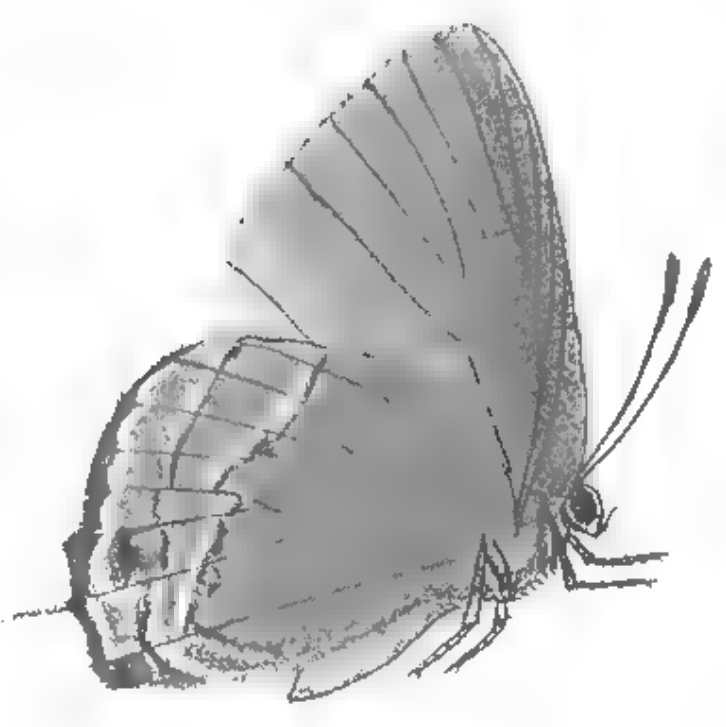
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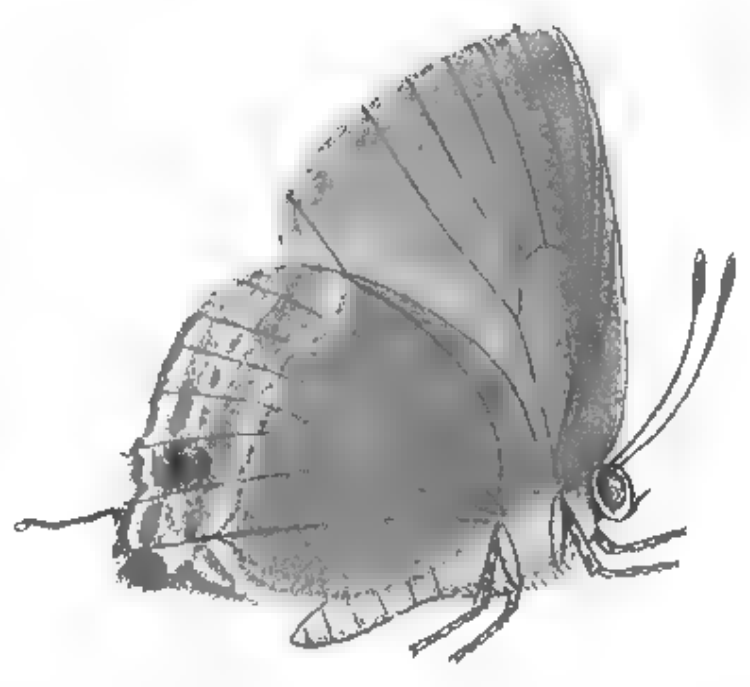
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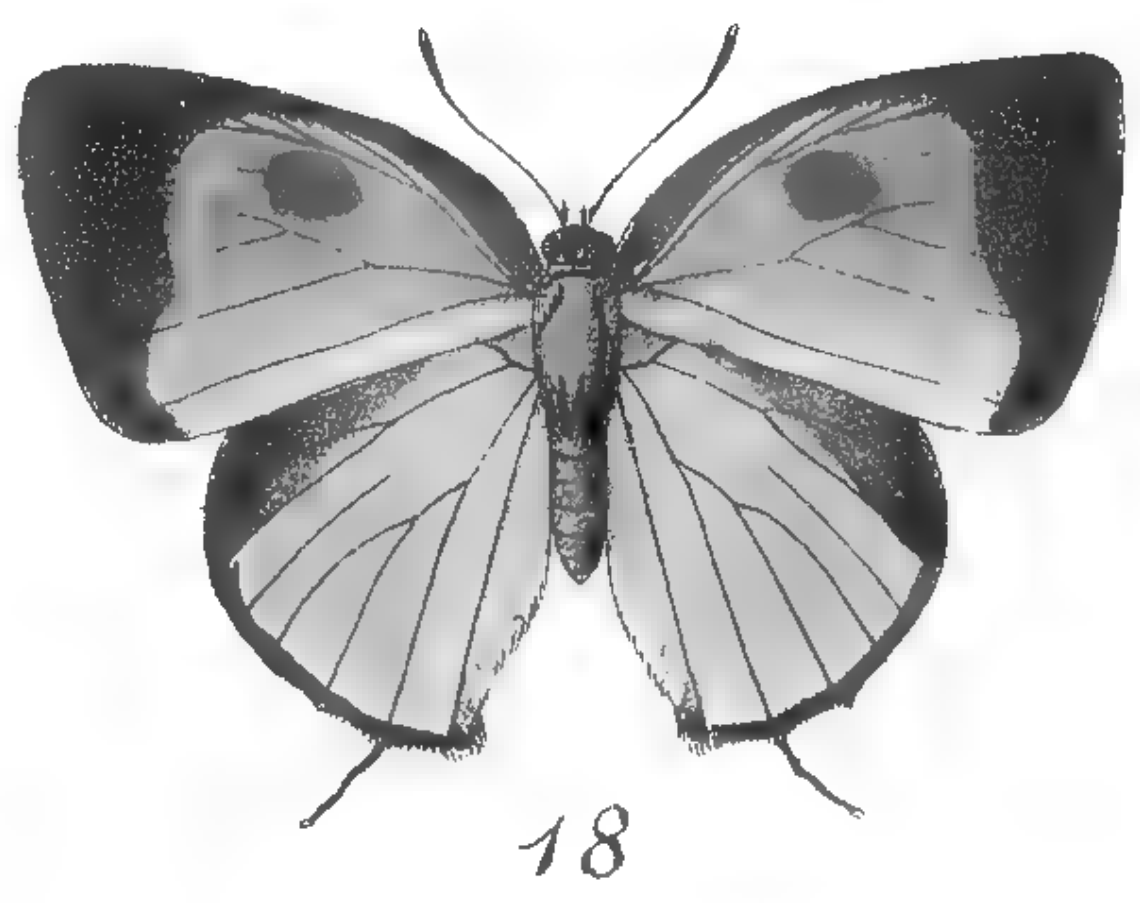
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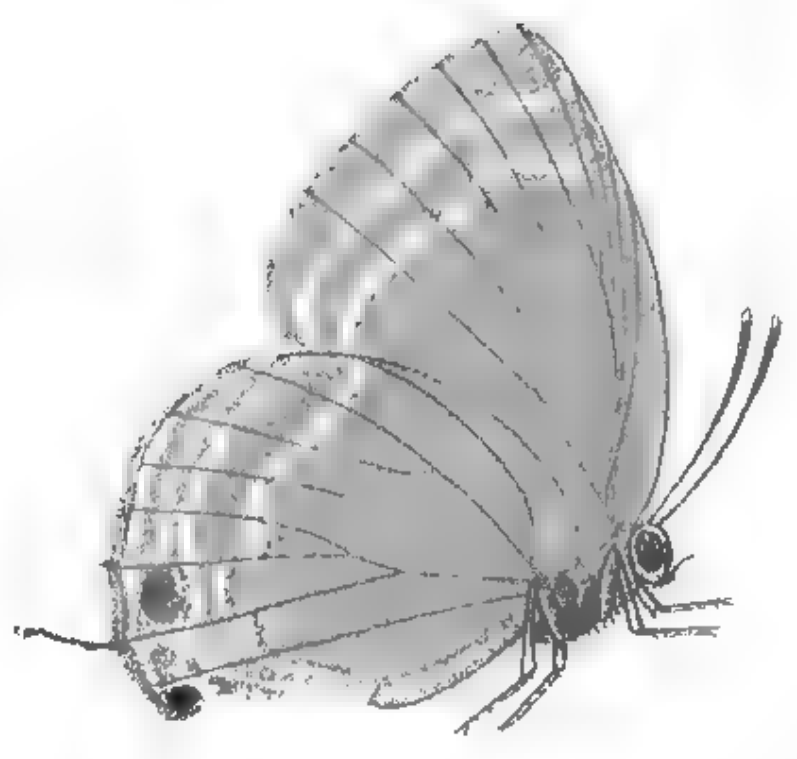
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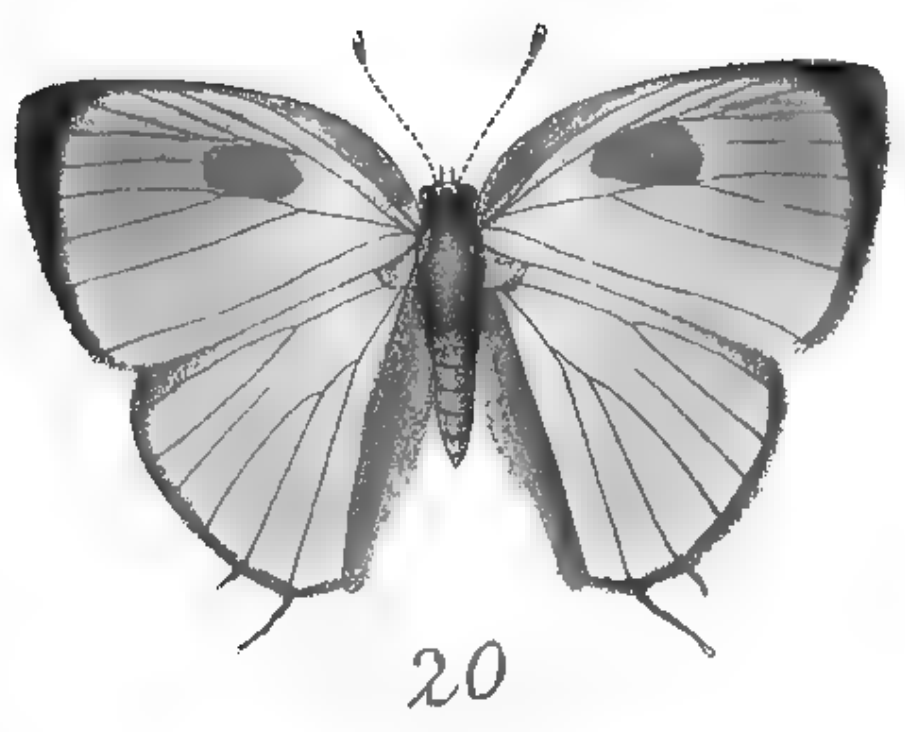
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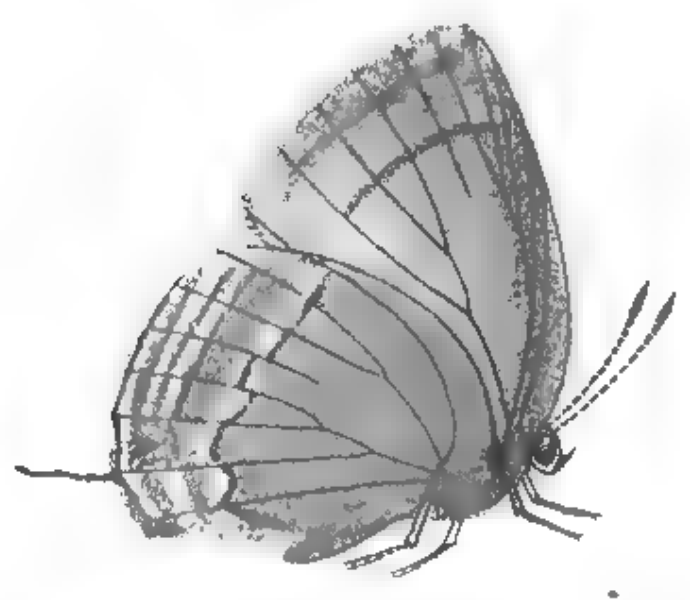
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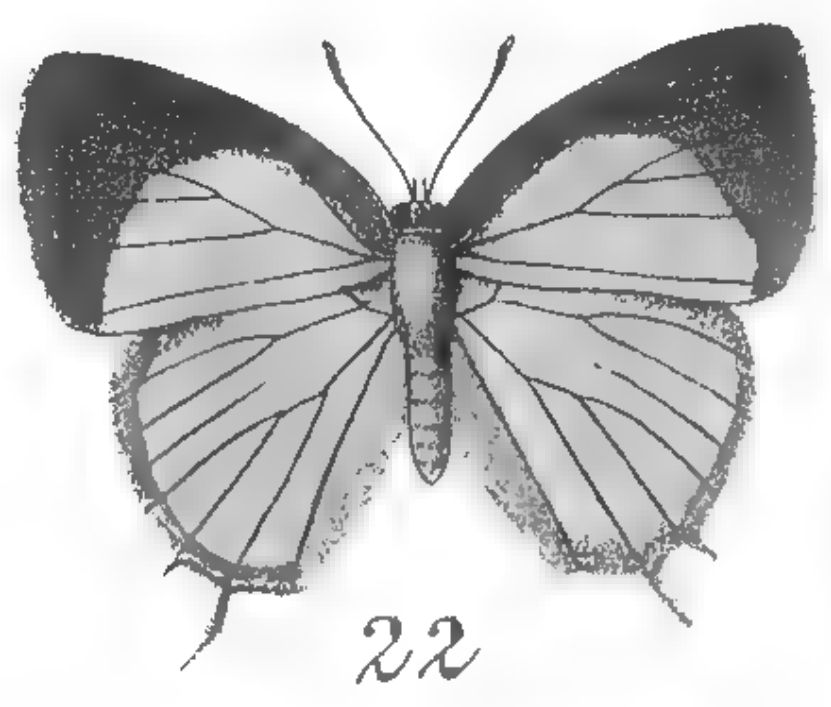
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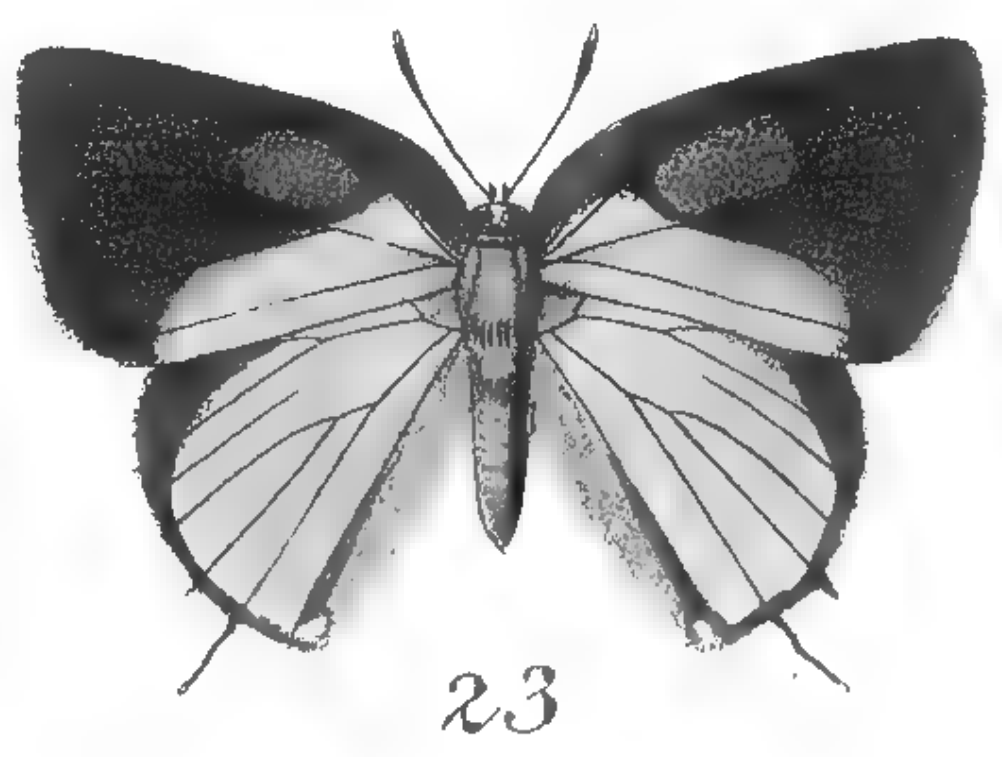
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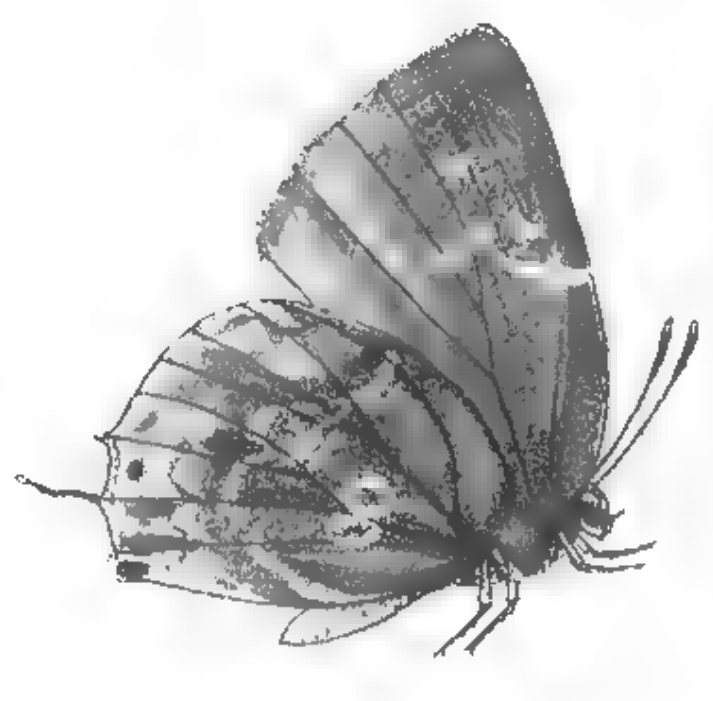
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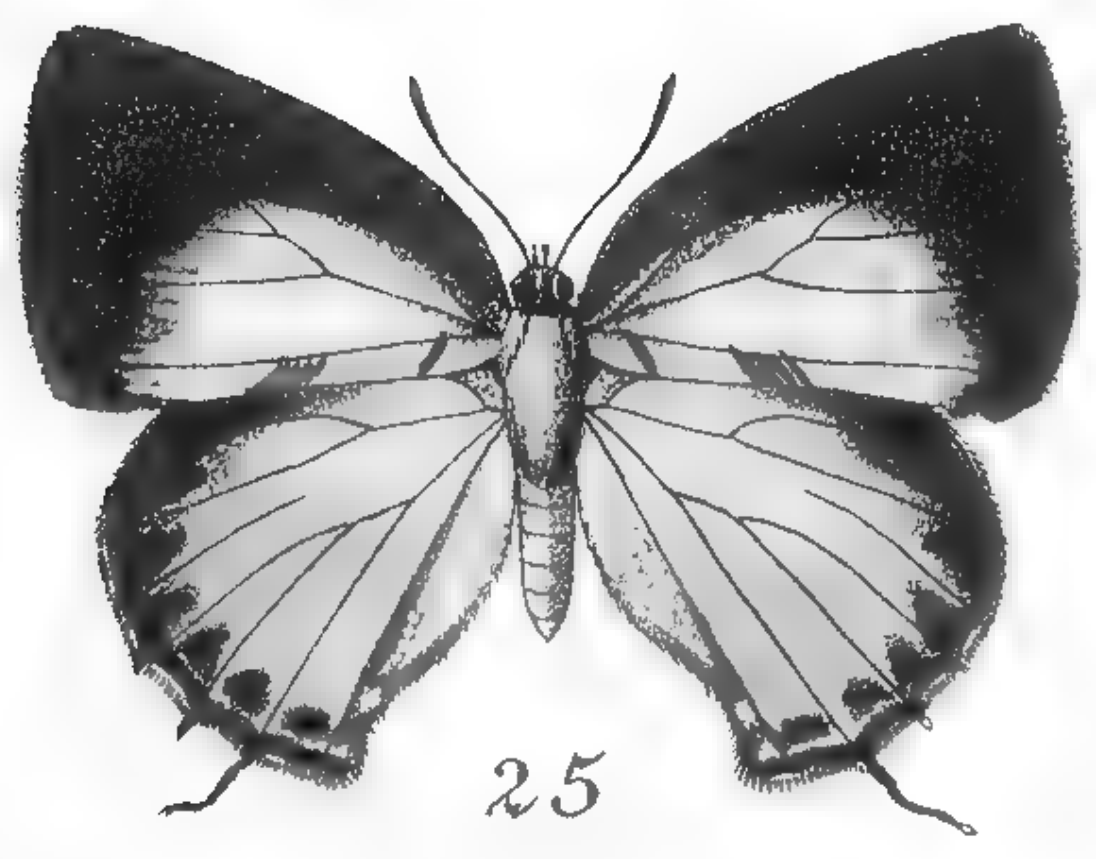
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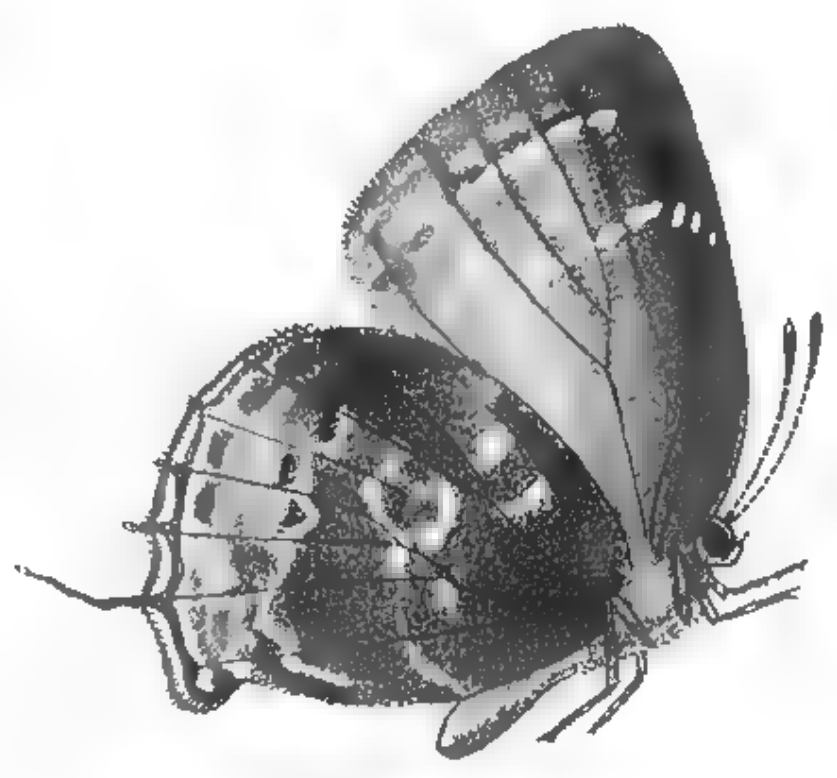
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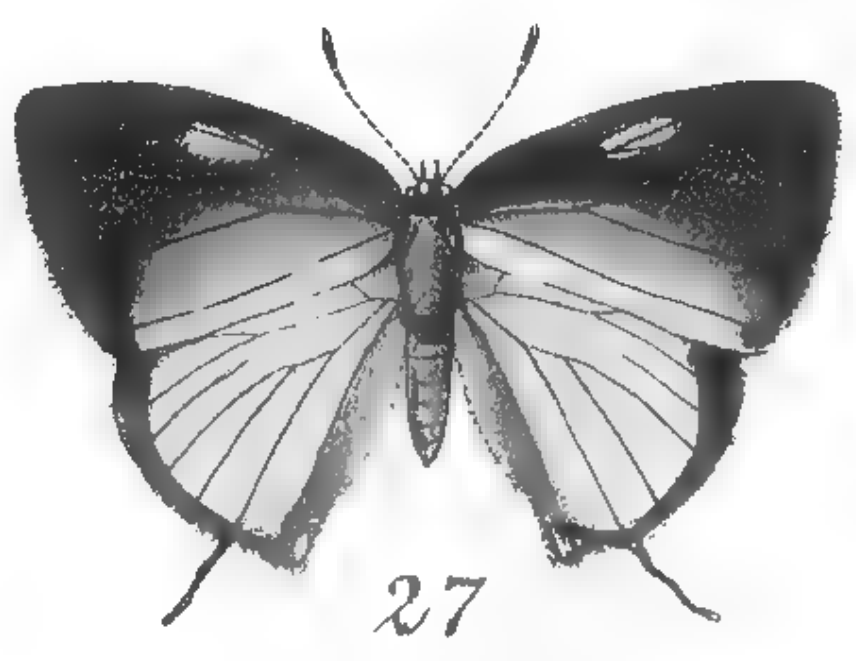
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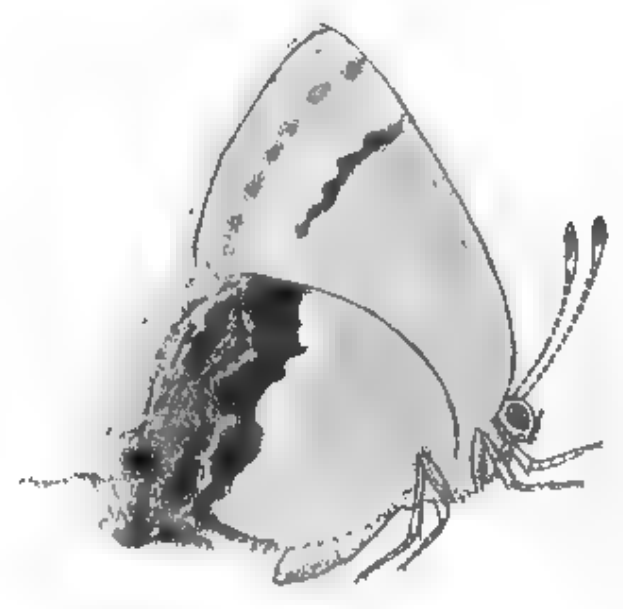
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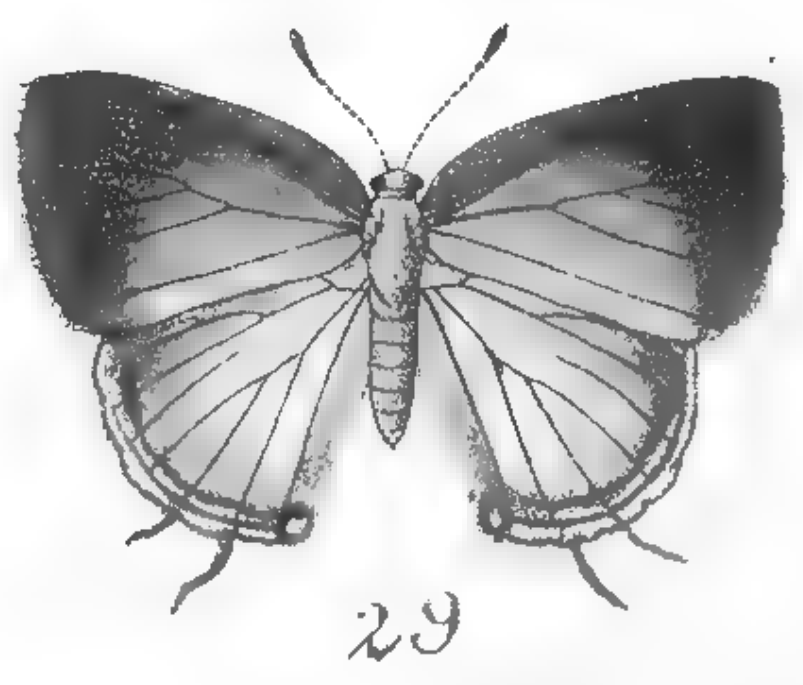
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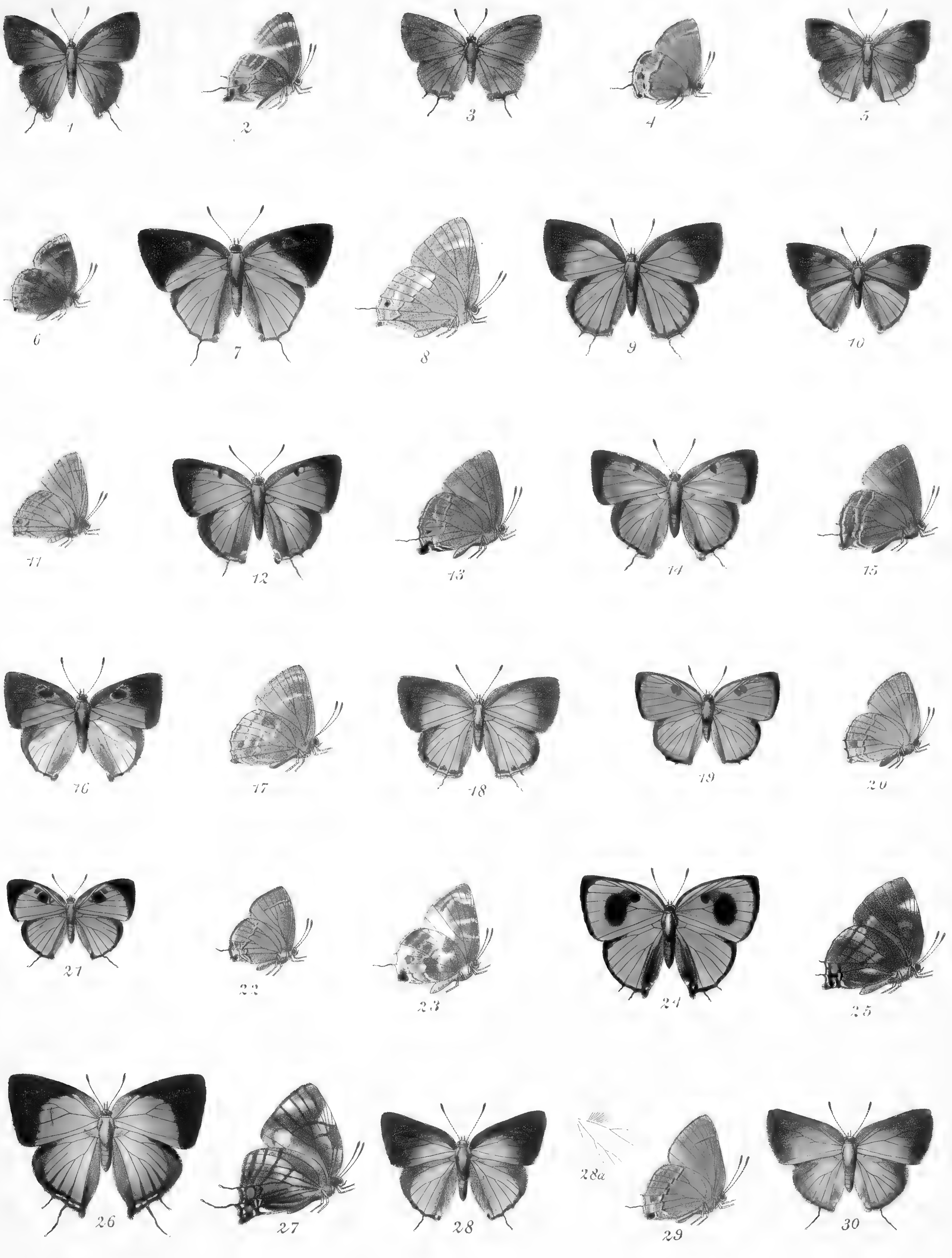
3,4♂ „ PHŒNISSA.
5,6♂,7♀ „ JEBUS.
8,9♂,10♀ „ BRESCIA.

11,12♂ THECLA ORSES.
13,14♂ „ VIBIDIA.
15,16♂ „ LIGURINA.
17♂ „ LYDE.
18,19♂ „ AZURINUS.

20,21♂,22♀ THECLA MYCON.
23,24♂ „ EREMA.
25,26♀ „ PRIMNO.
27,28♂,29♀ „ PHOBE.

W. Purkiss lith.

Hanhart imp.
466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1,2♂	THECLA	TERENTIA.
3,4♂	"	RHODOPE.
5,6♂	"	OCRISIA.
7,8♂,9♀	"	KEILA.
10,11♂	THECLA	ORIOS.
12,13♂	"	PRAXIS.
14,15♂	"	ORTALUS.
16,17♂,18♀	"	CAMBES.
19,20♂	"	VOLUPIA.
21,22♂	THECLA	EPIDIUS.
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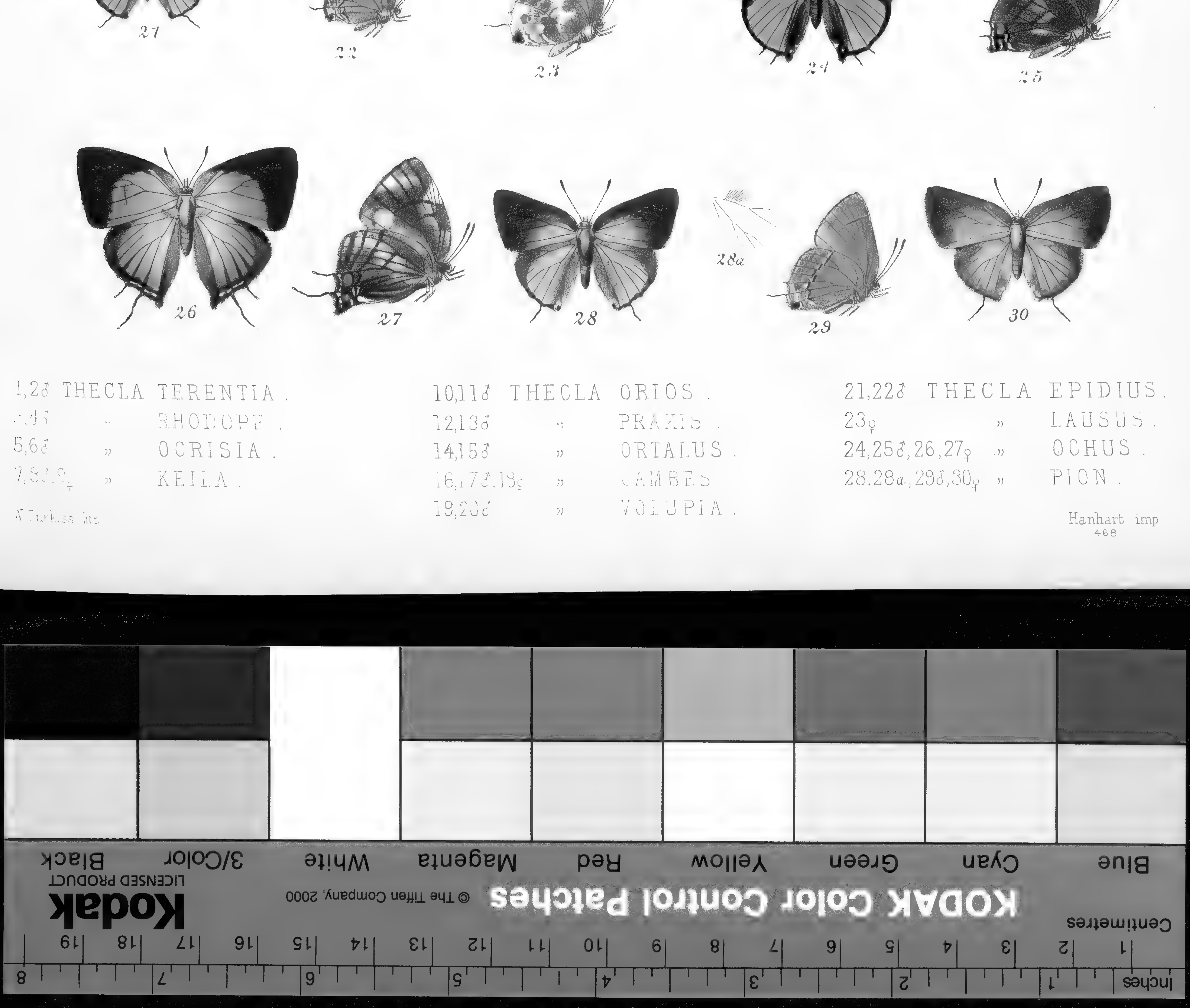
W. Purkiss lith.

Hanhart imp
468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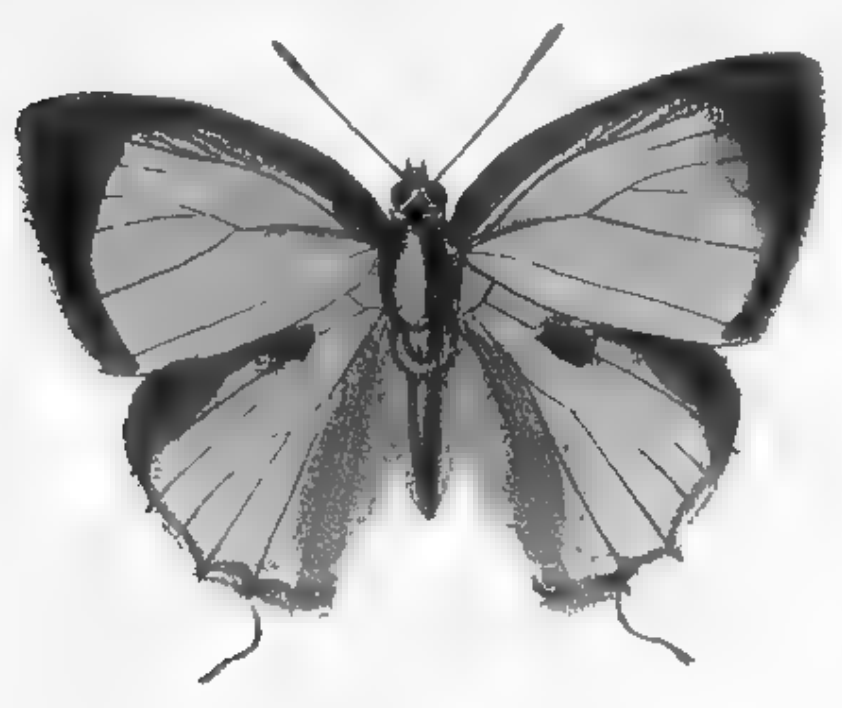
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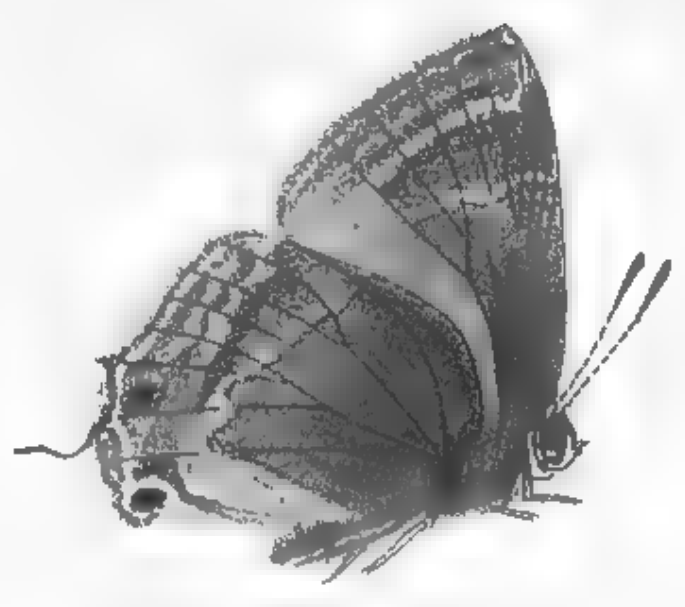
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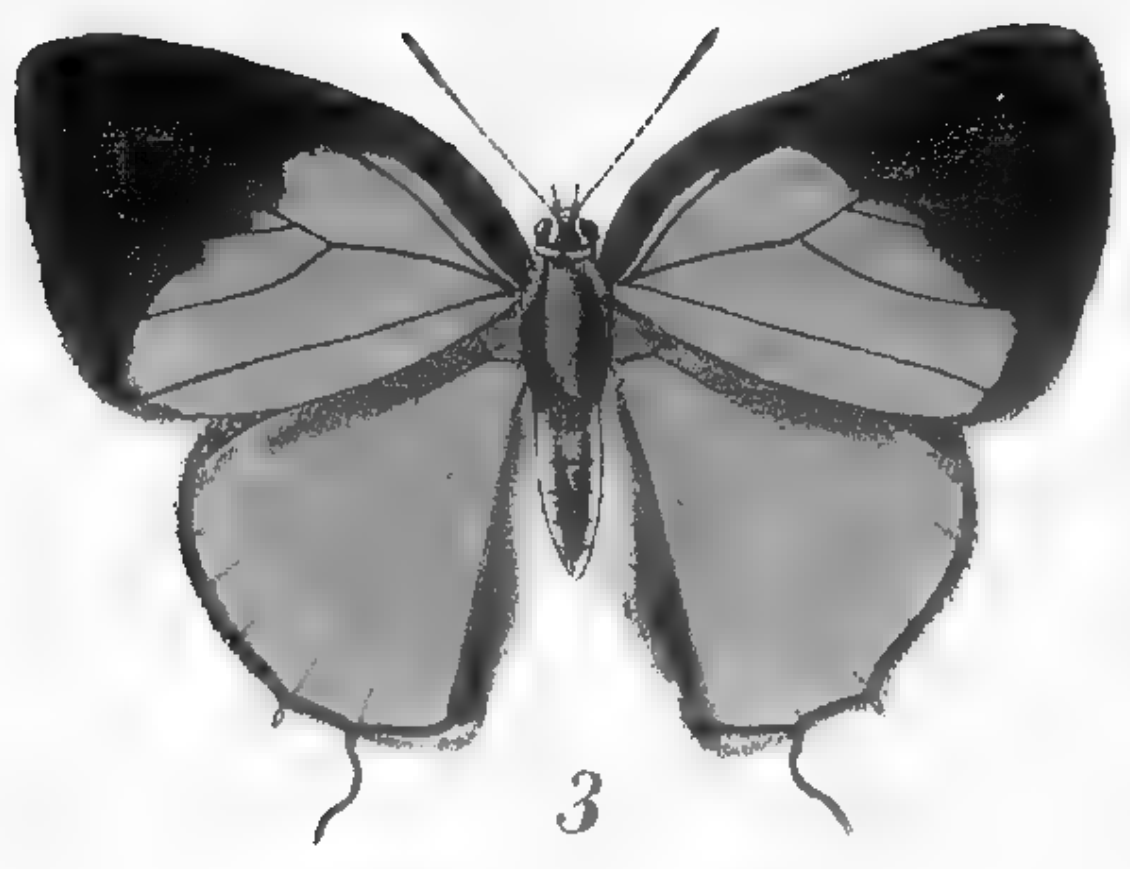
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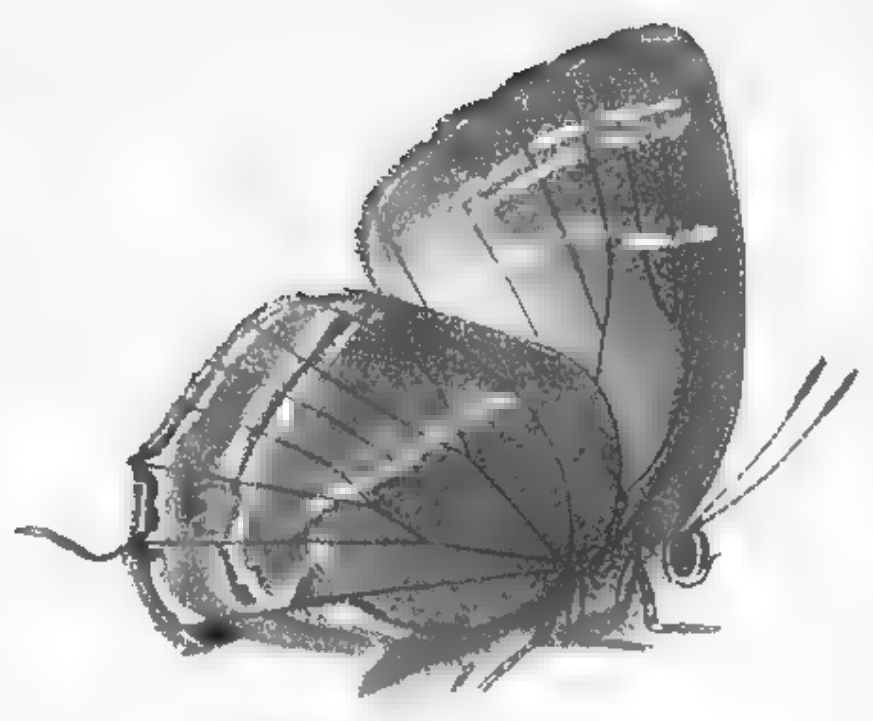
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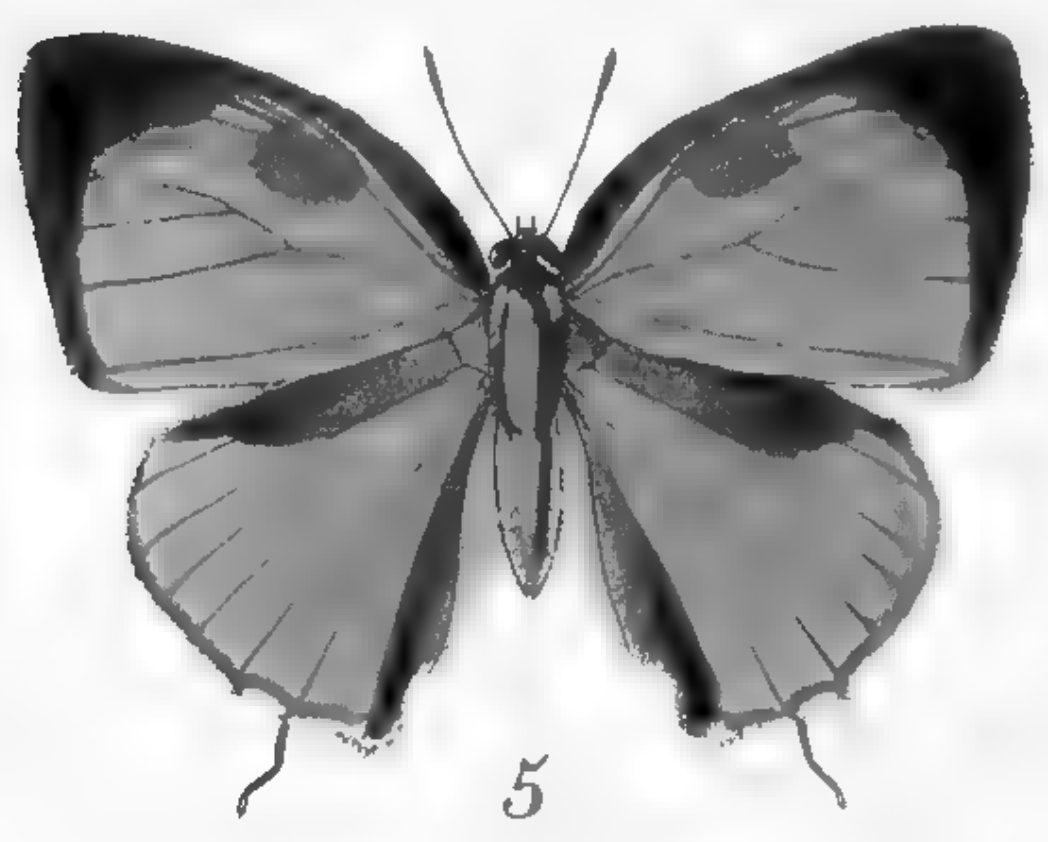
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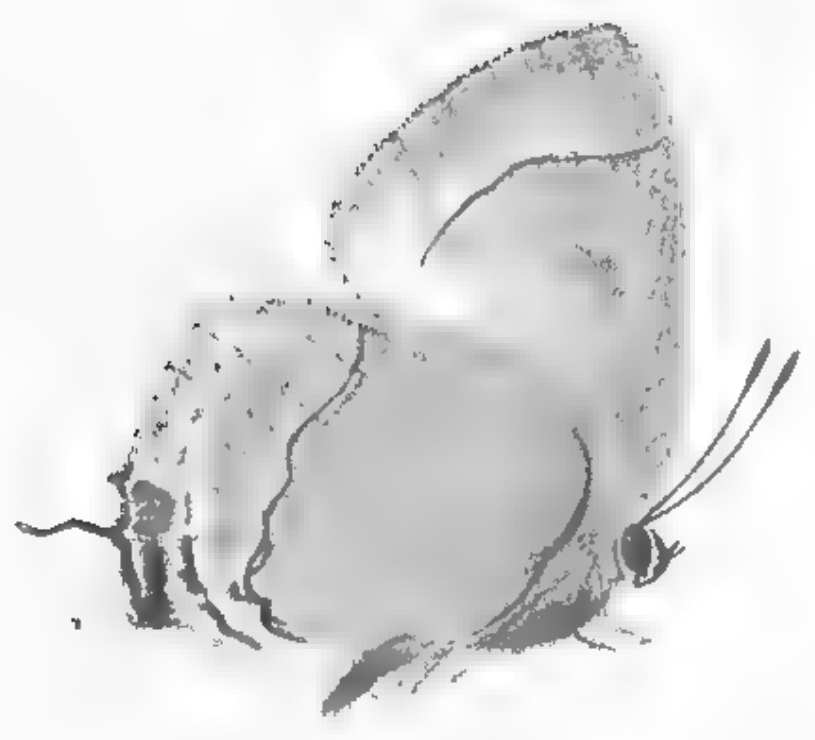
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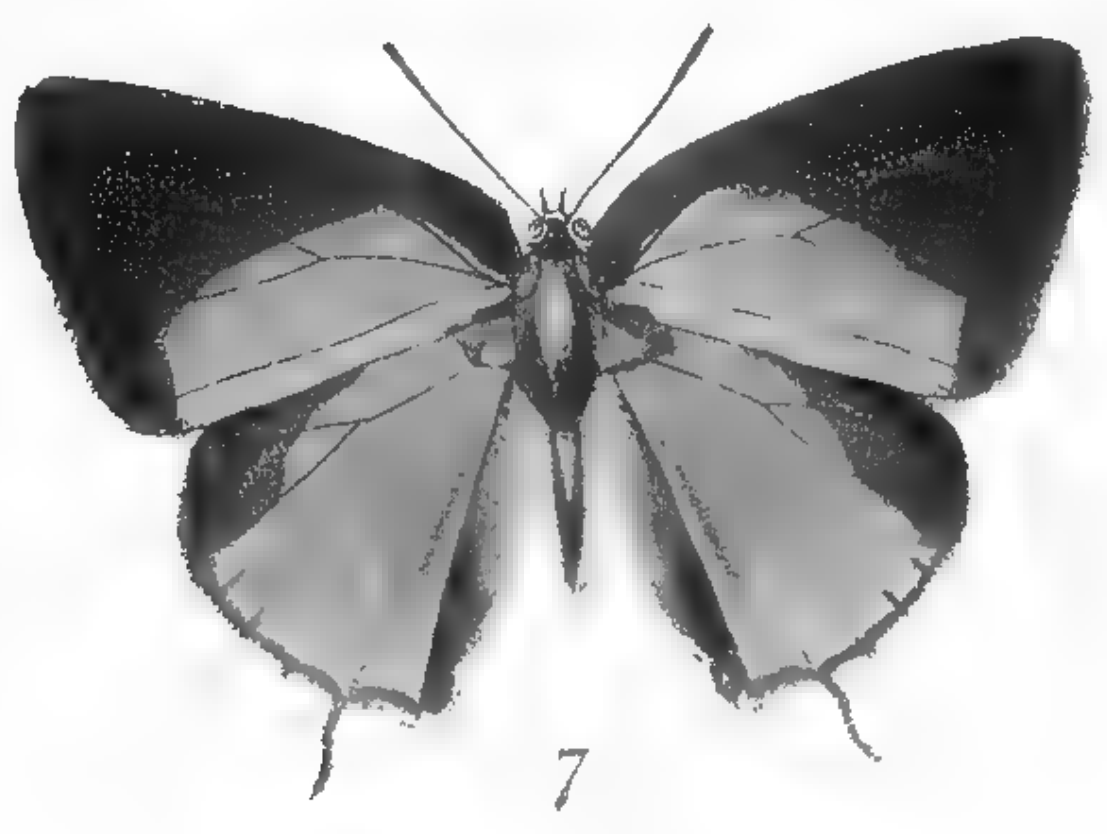
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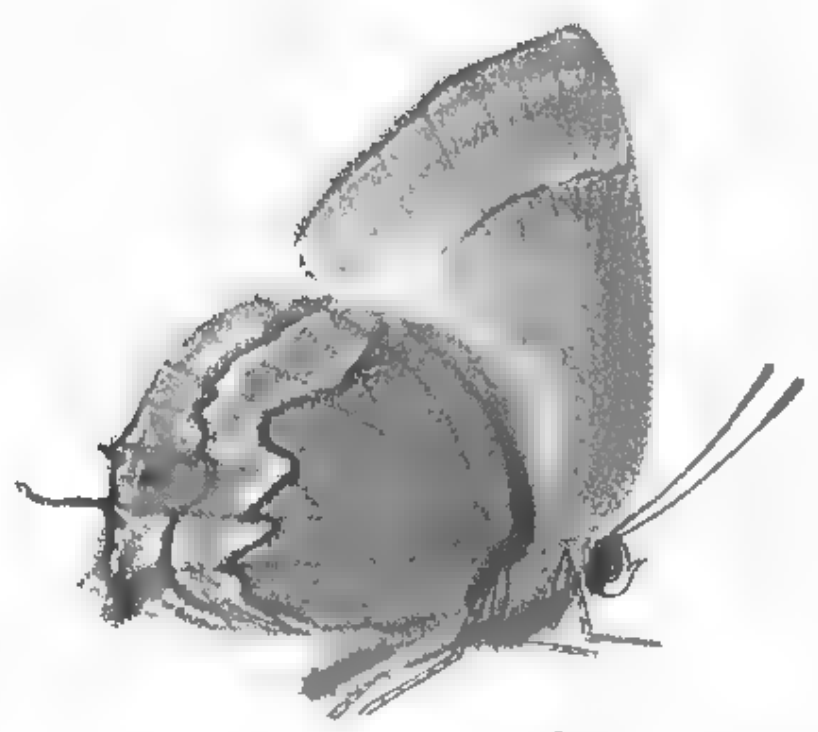
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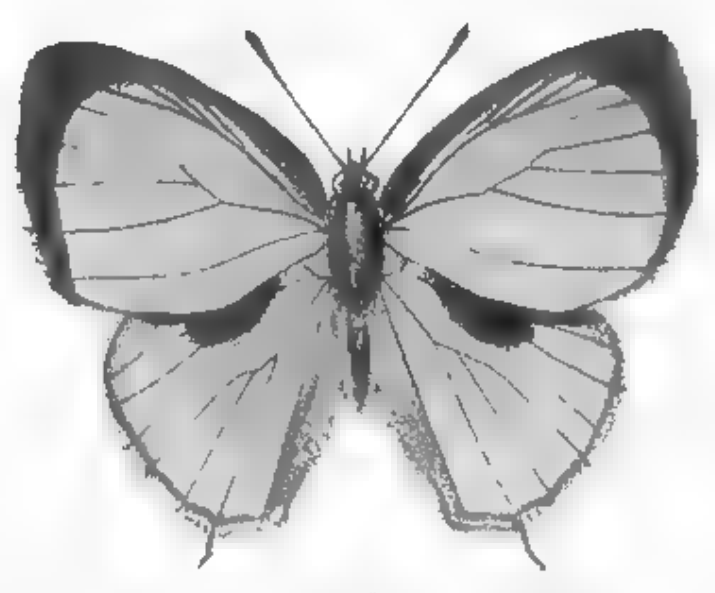
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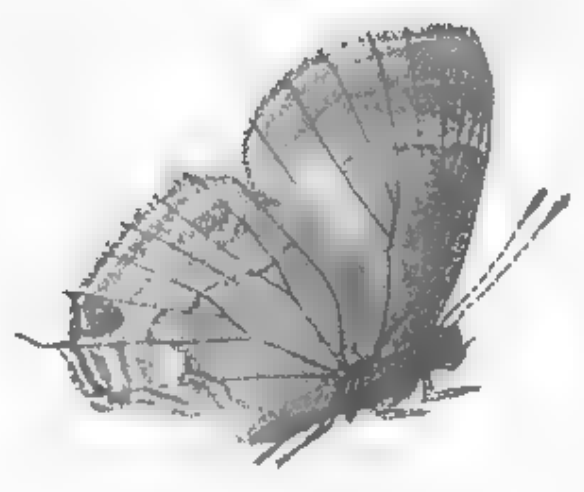
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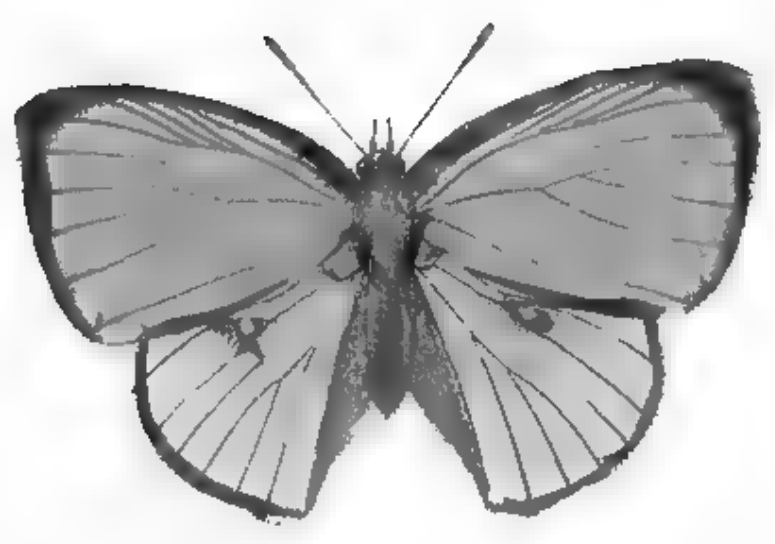
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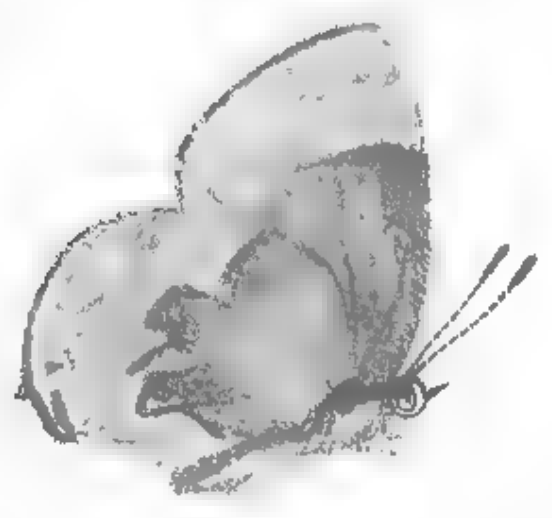
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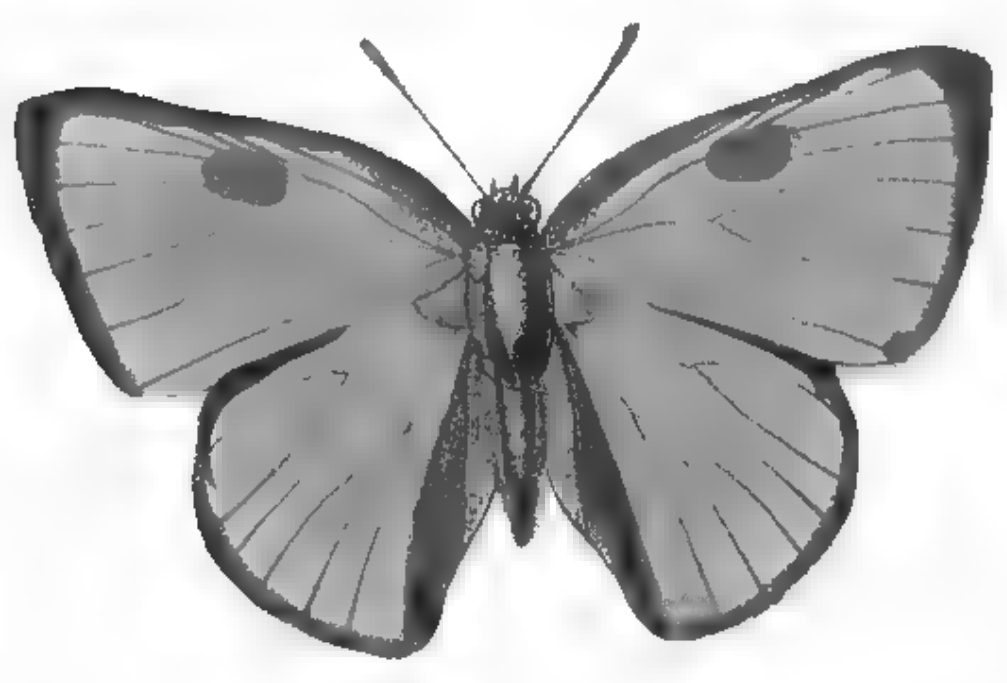
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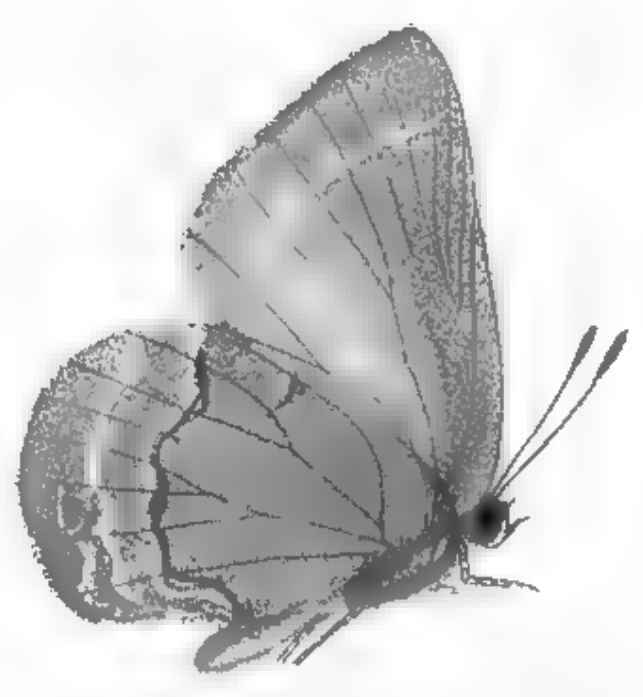
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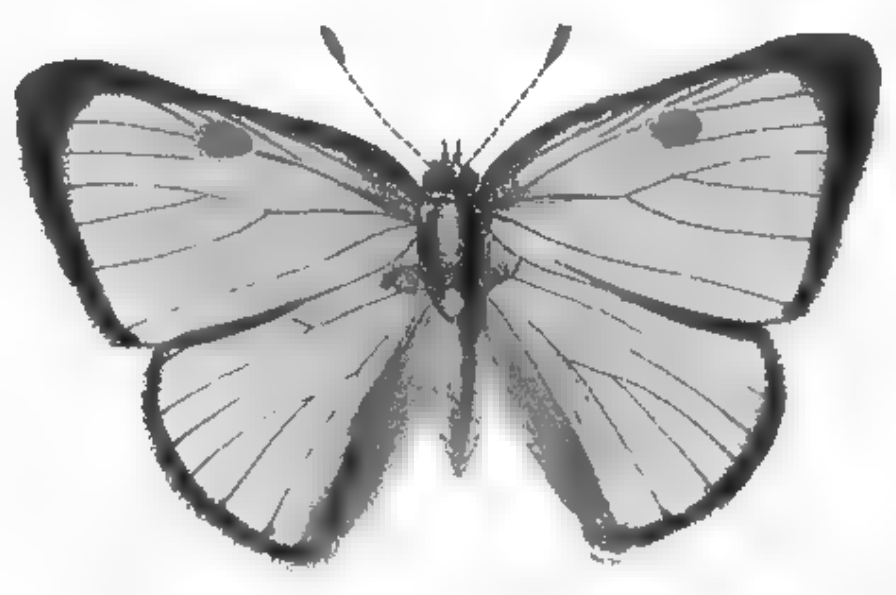
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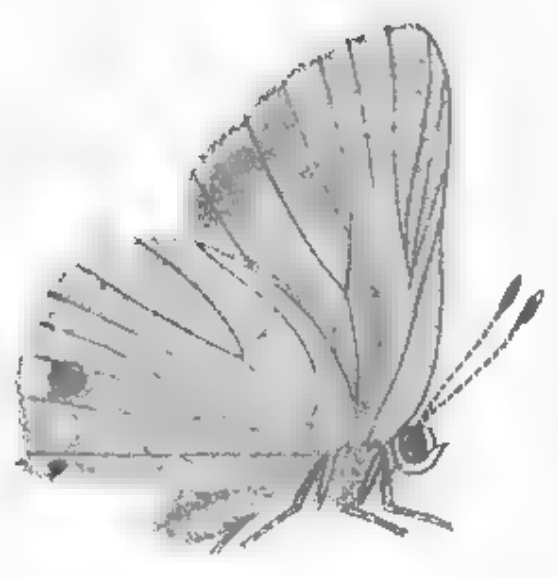
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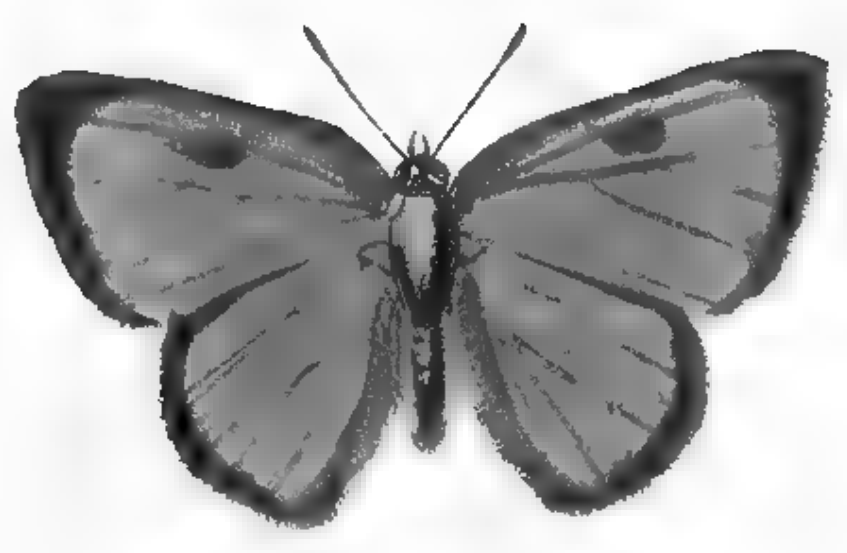
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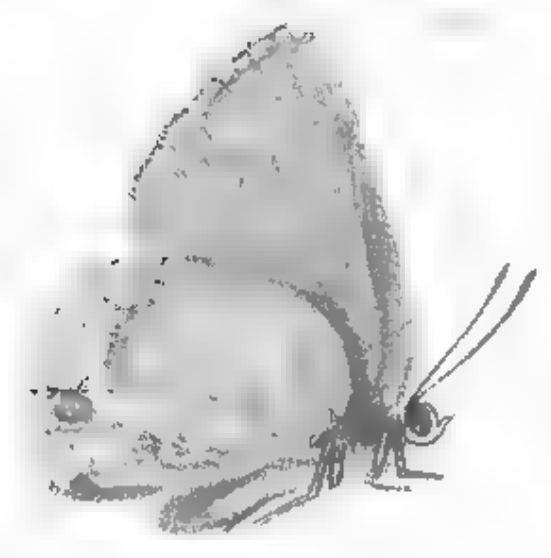
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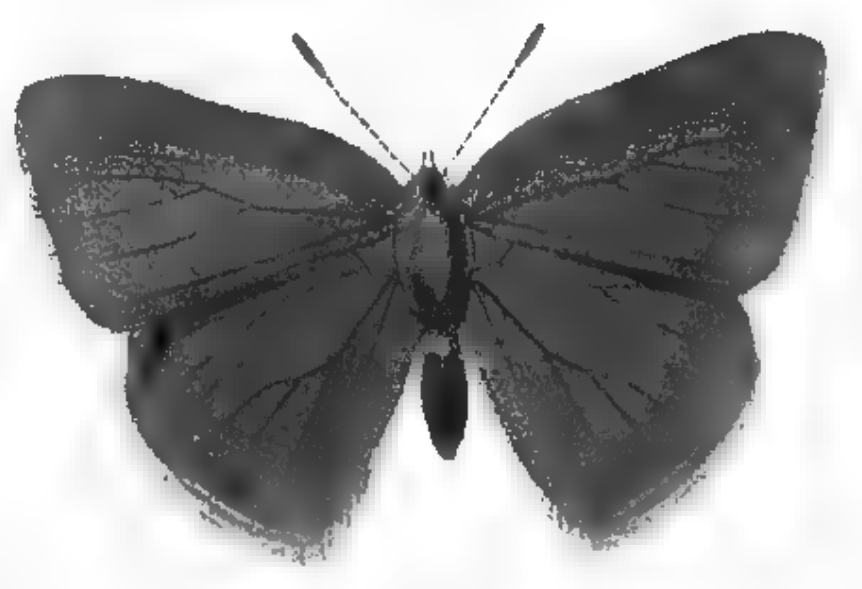
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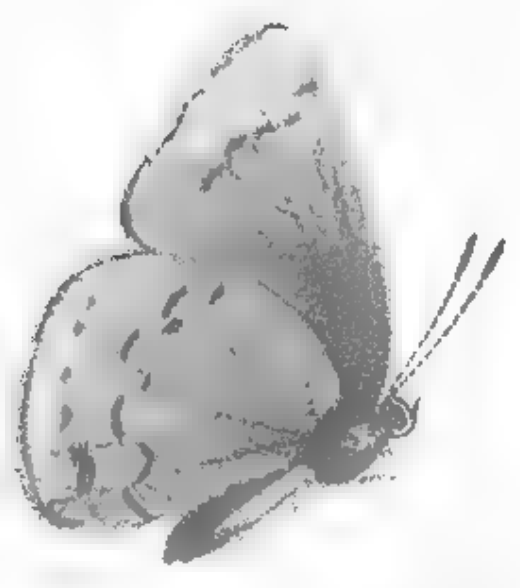
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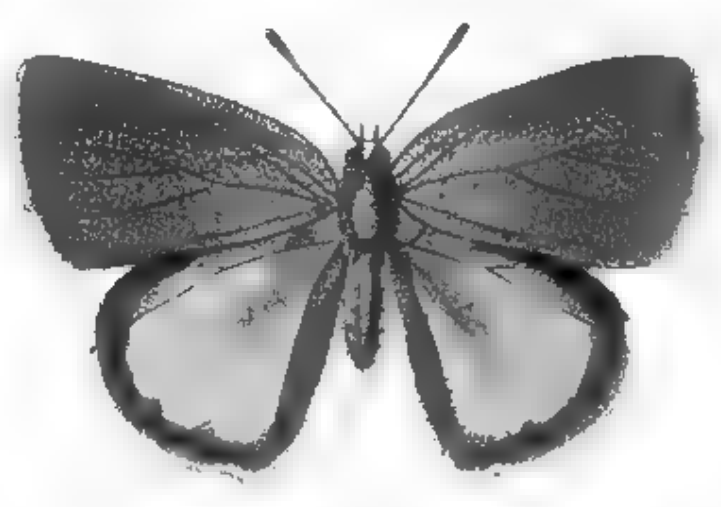
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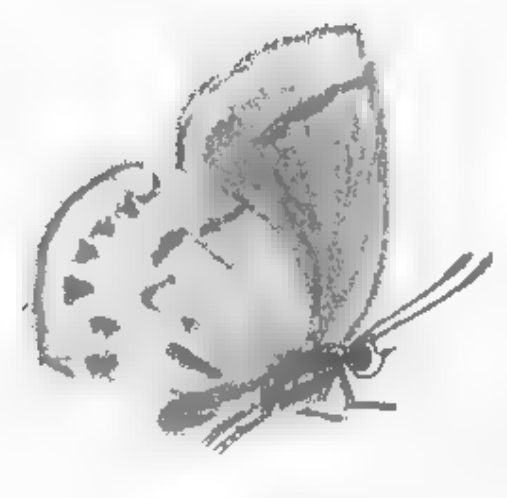
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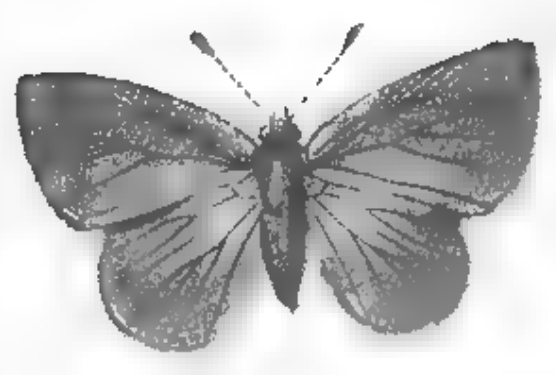
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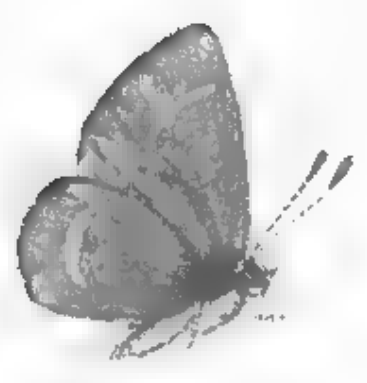
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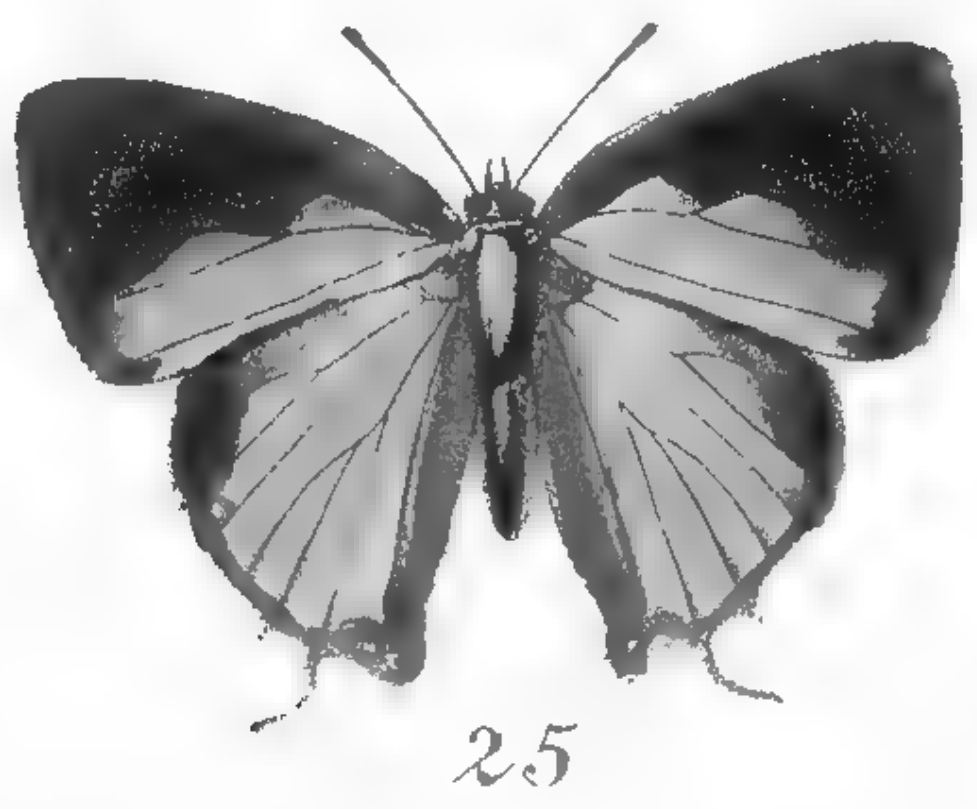
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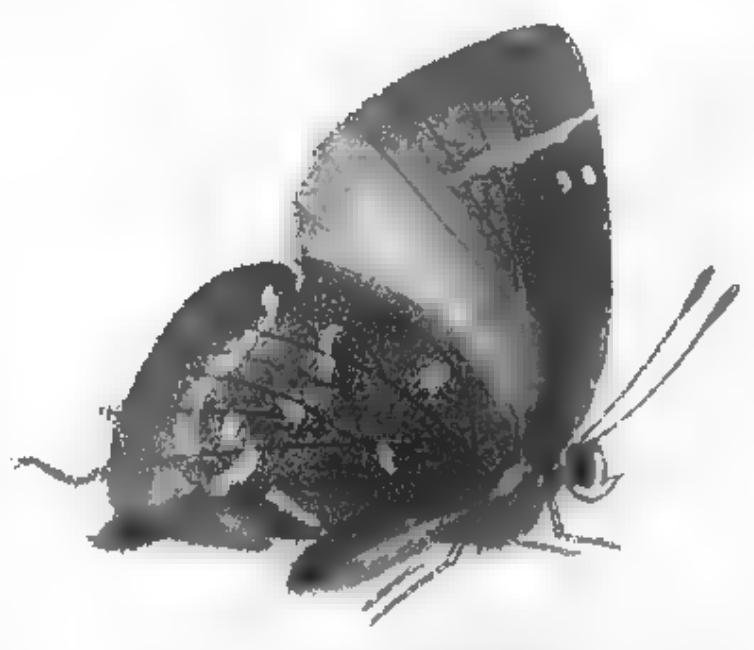
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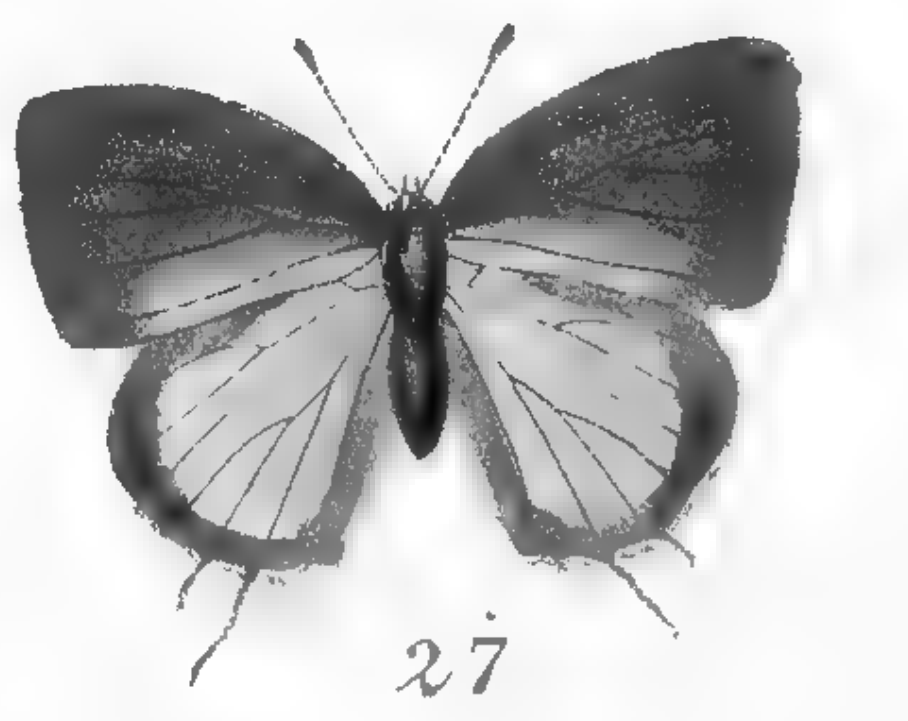
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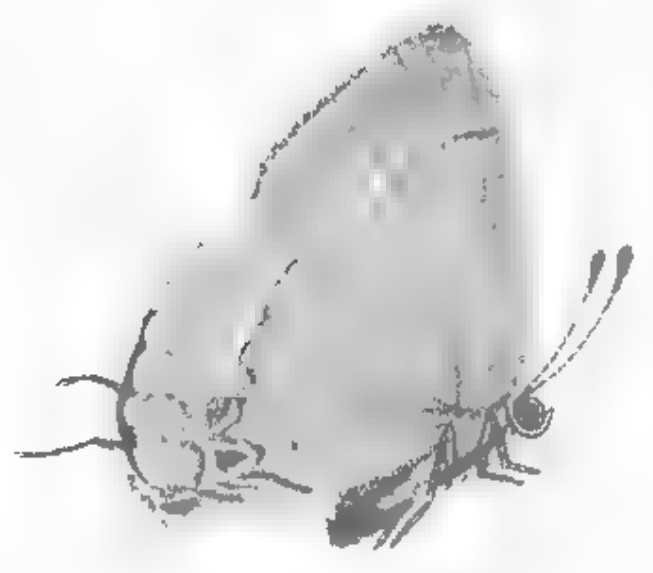
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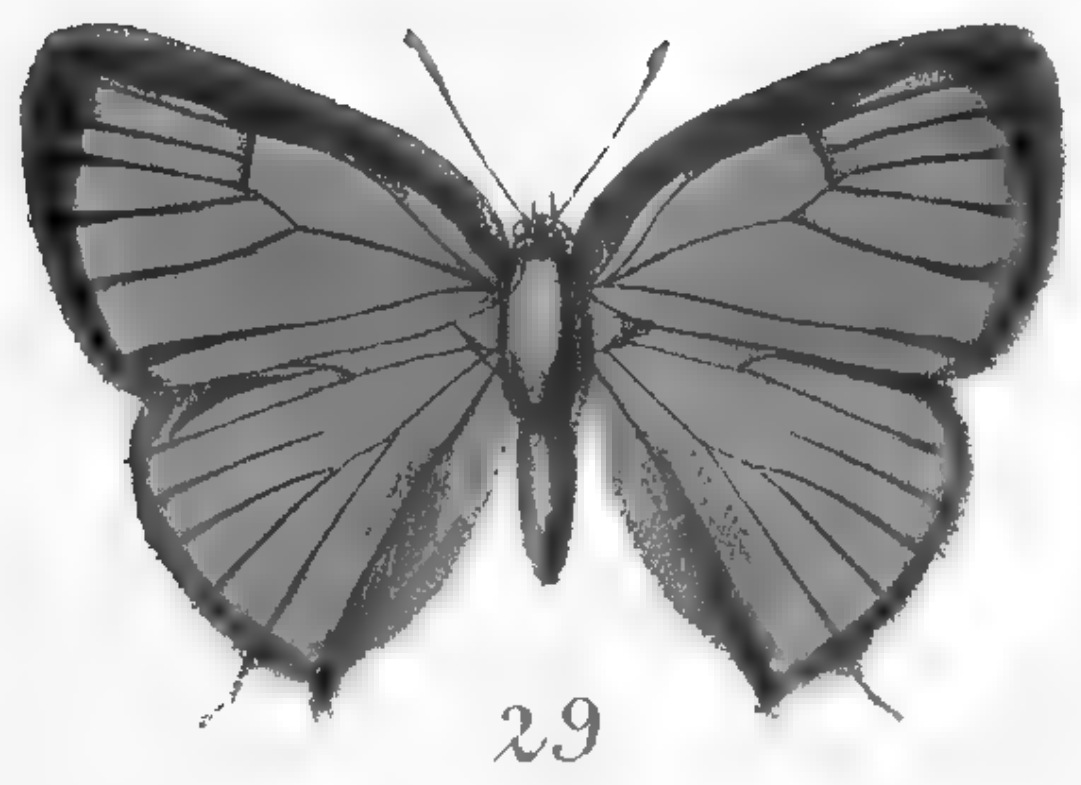
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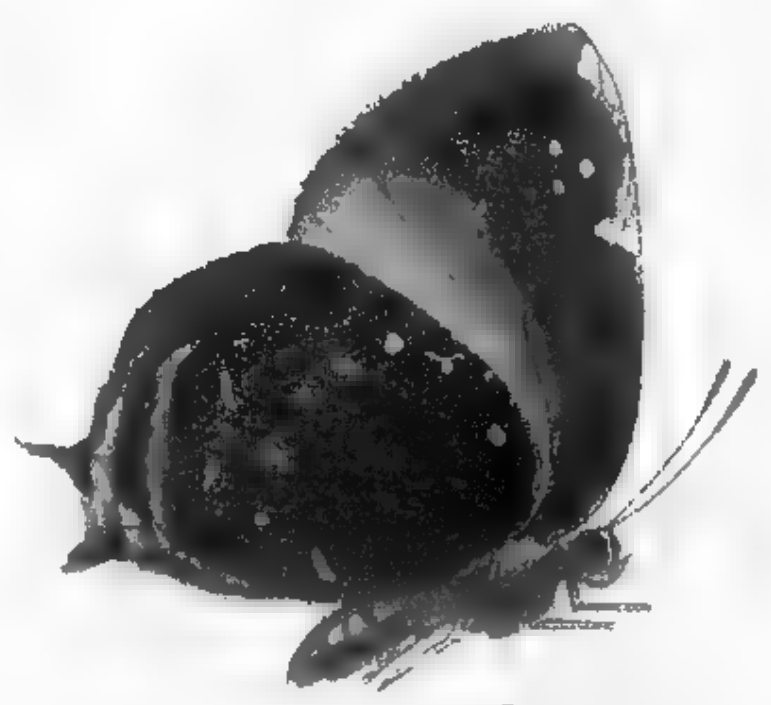
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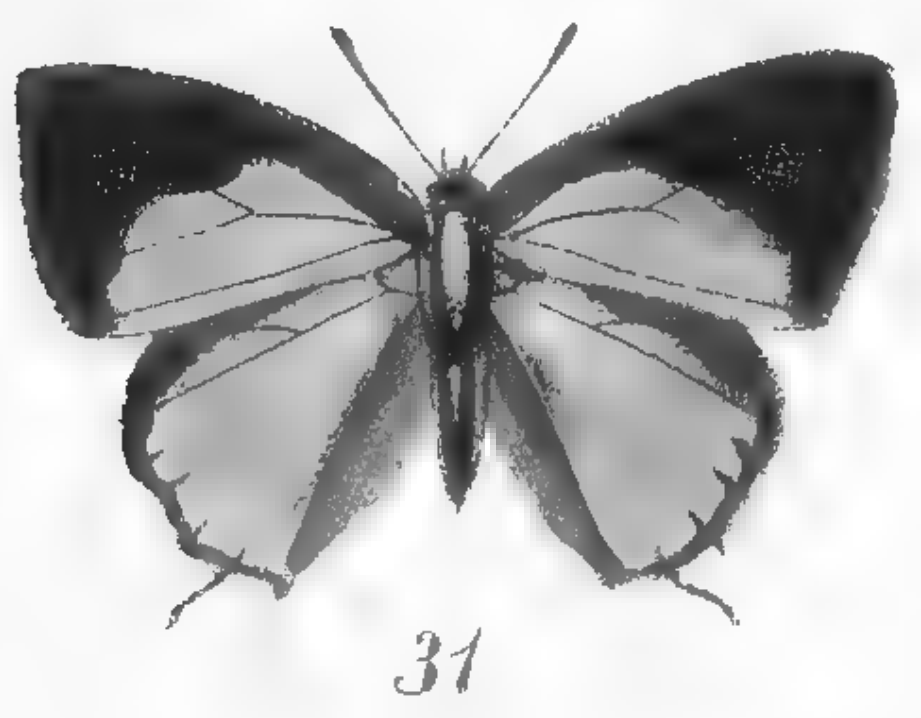
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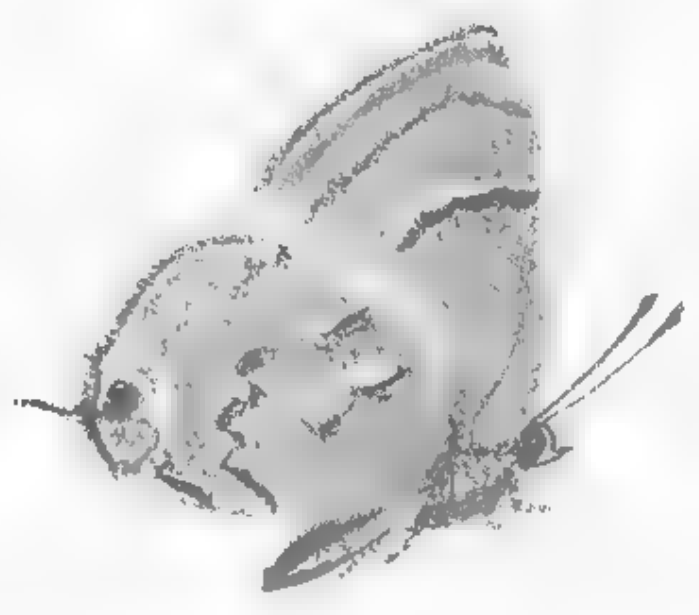
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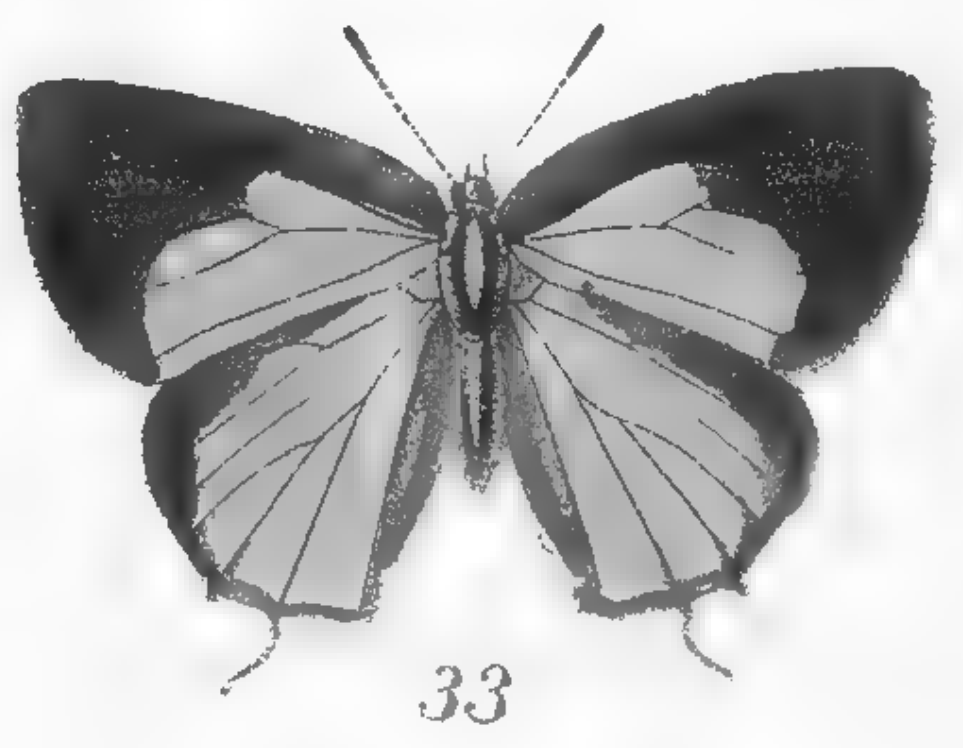
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3,4♂ " ERICETA.
5,6♂ " AMBRAX.
7,8♂ " SYEDRA.
9,10♂ " LATAGUS.

11,12♂ THECLA ORASUS.
13,14♂ " GADIRA.
15,16♂ " MINTHE.
17,18♂ " NORAX.
19,20♂ " ATTALION.
21,22♂ " AURA.

23,24 THECLA ARES.
25,26♂ " ARPOXAIS.
27,28♂ " TANAIS.
29,30♂ " OROBIA.
31,32♂,33♀ " CROLINUS.

W. Purkiss lith.

Hanhart imp.
472.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
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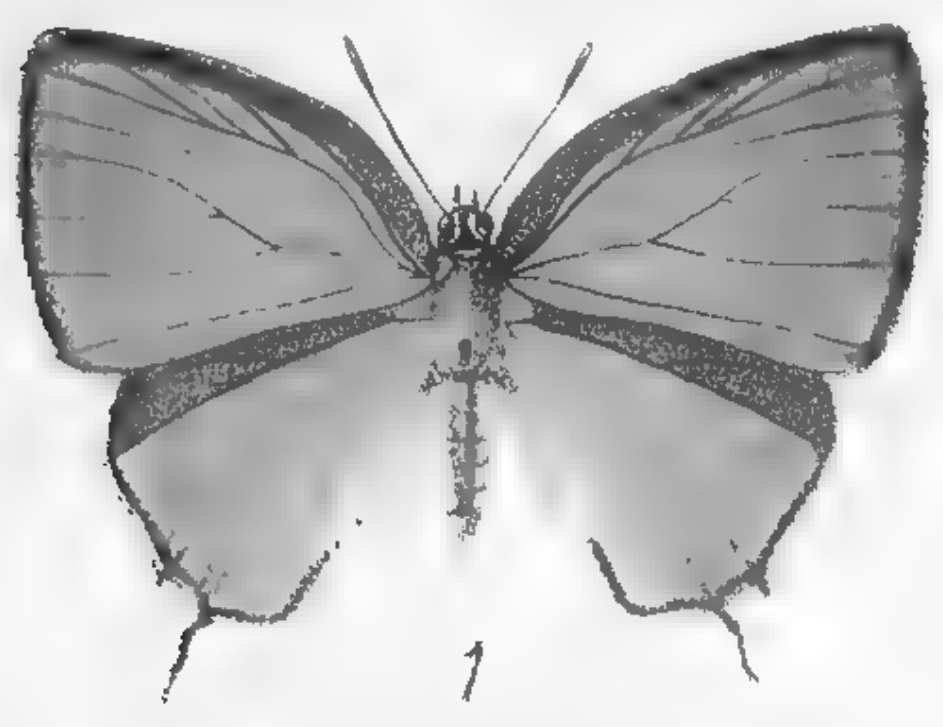
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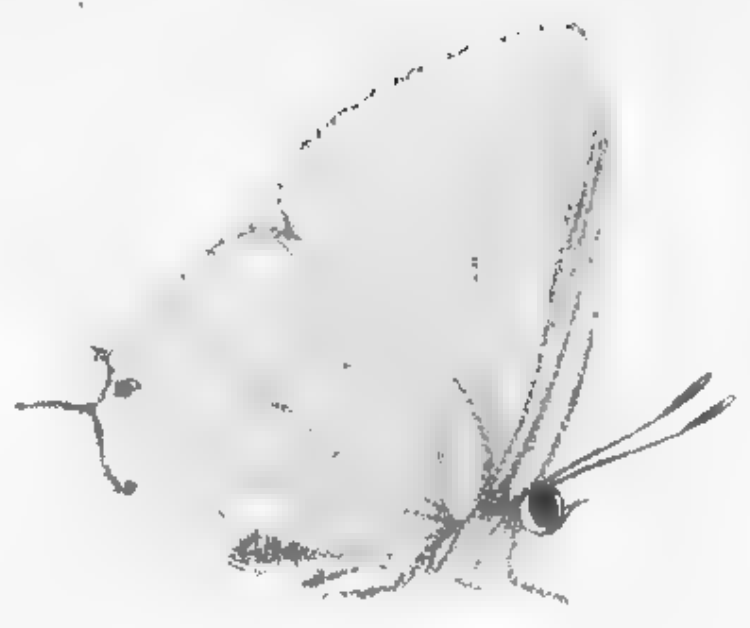
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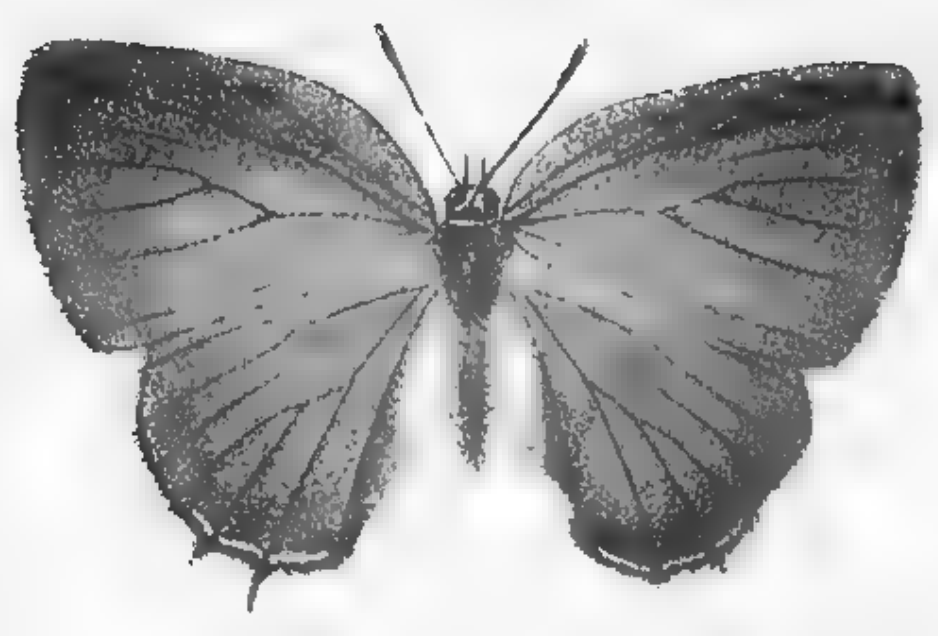
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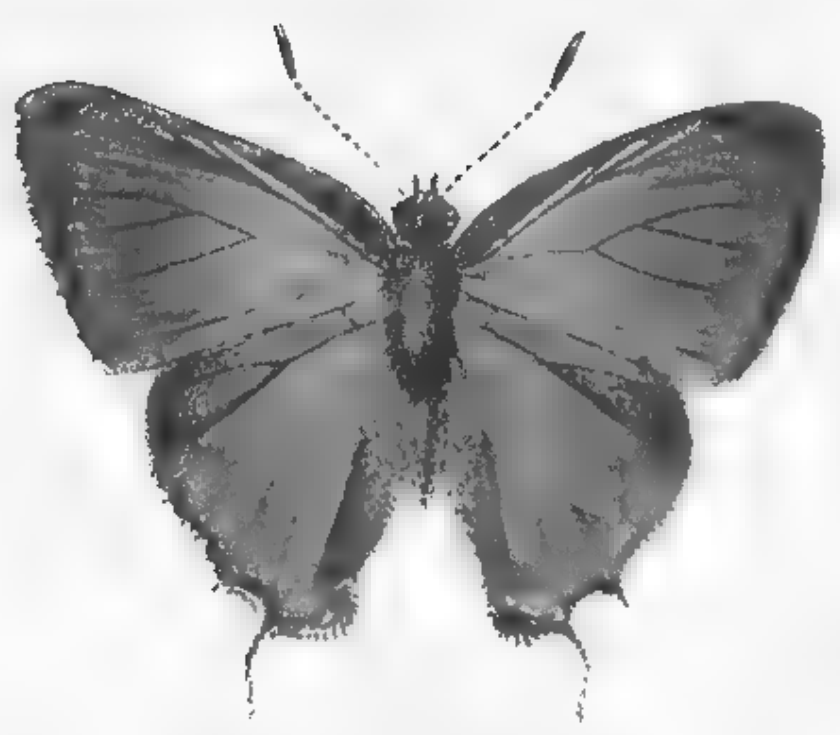
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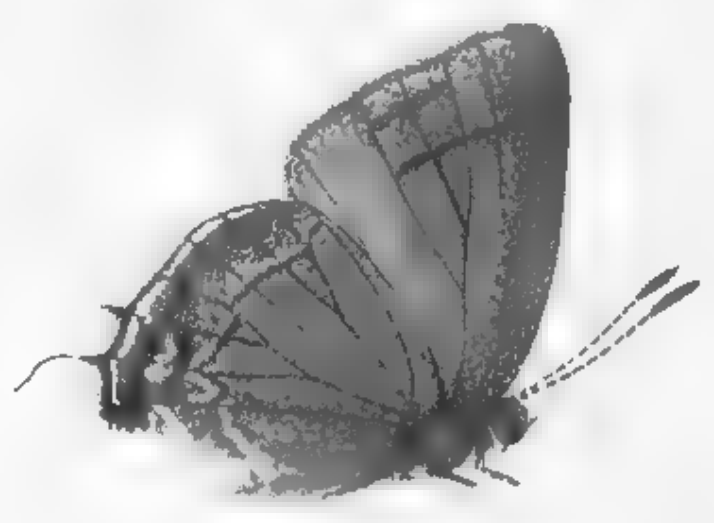
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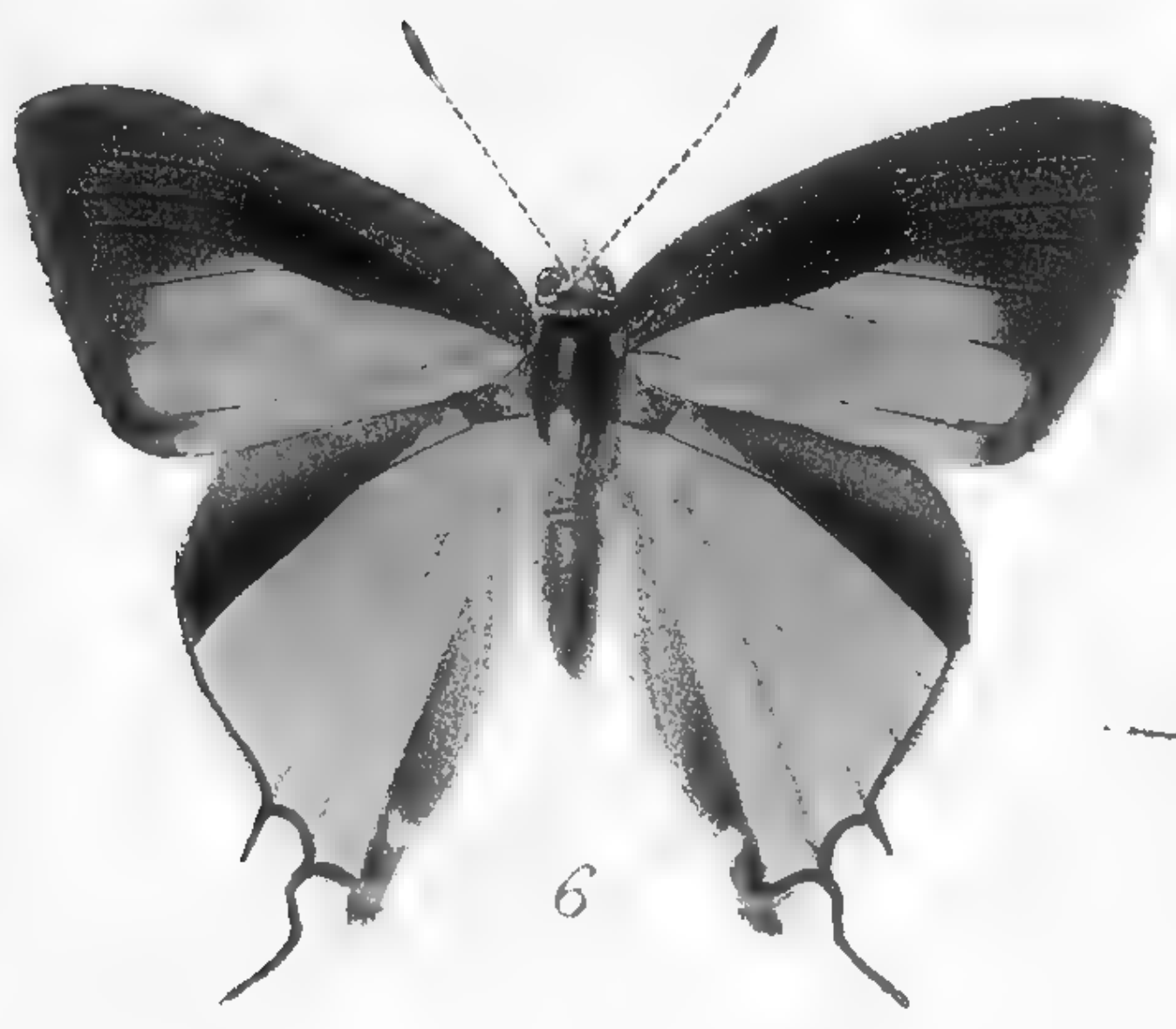
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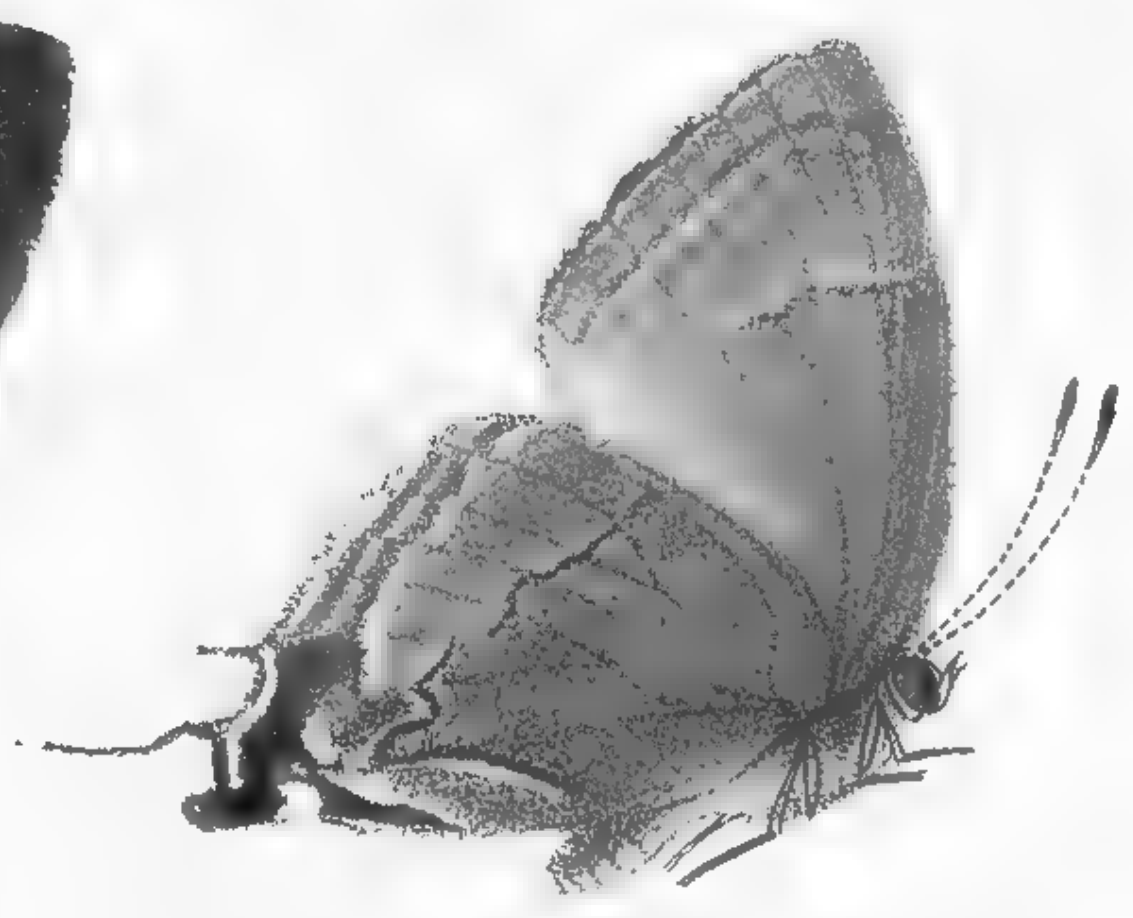
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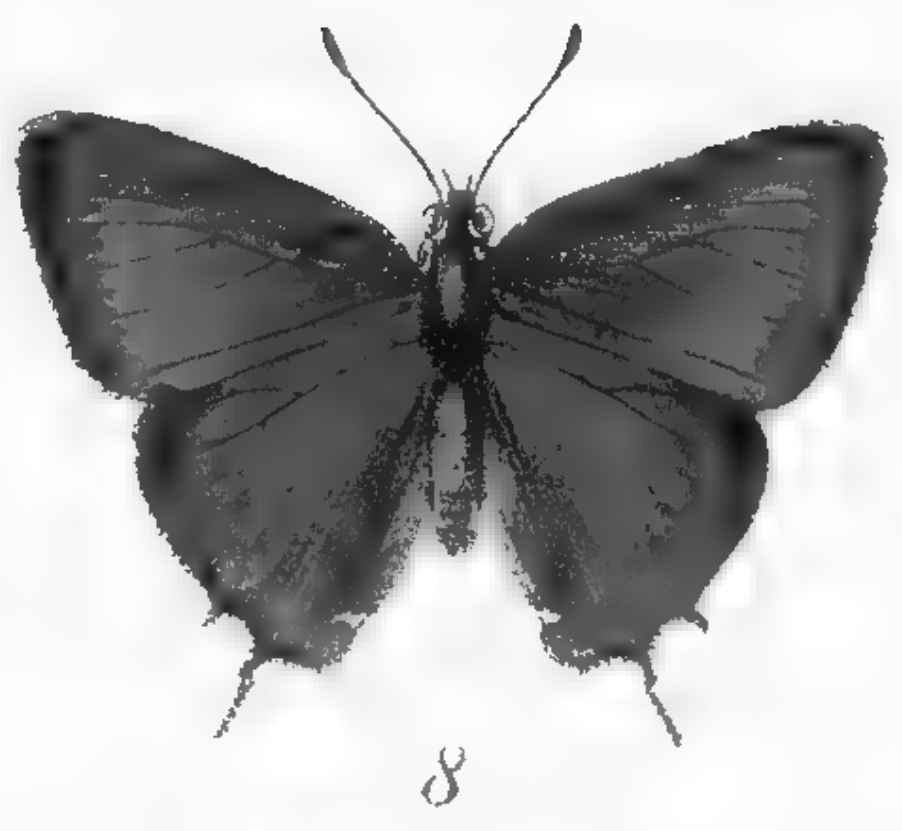
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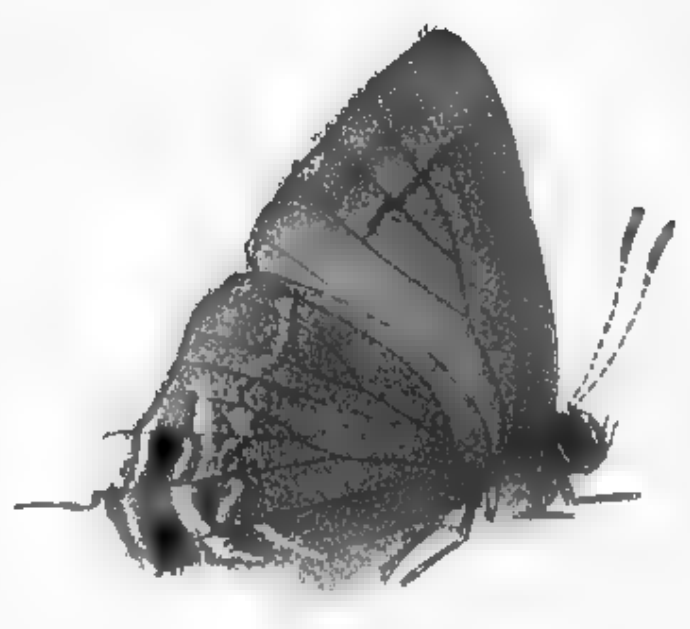
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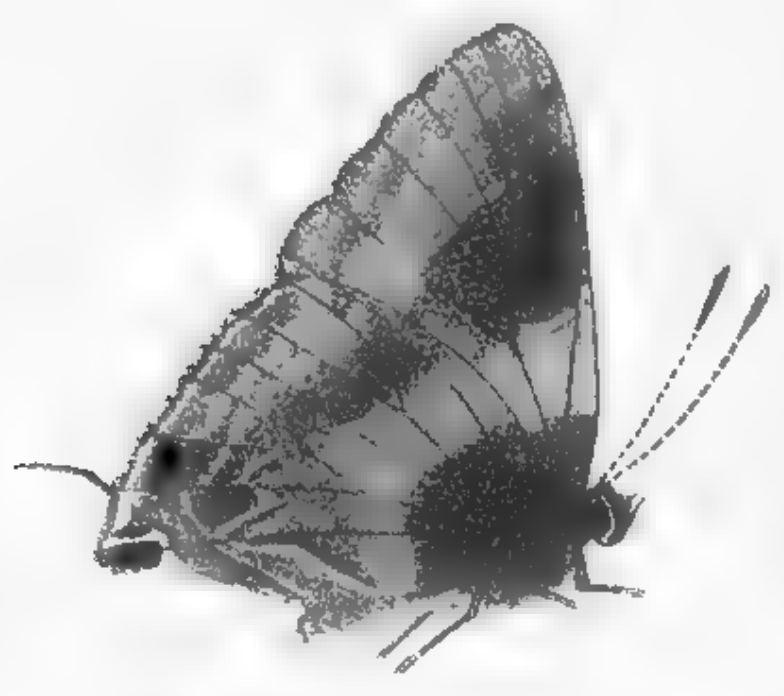
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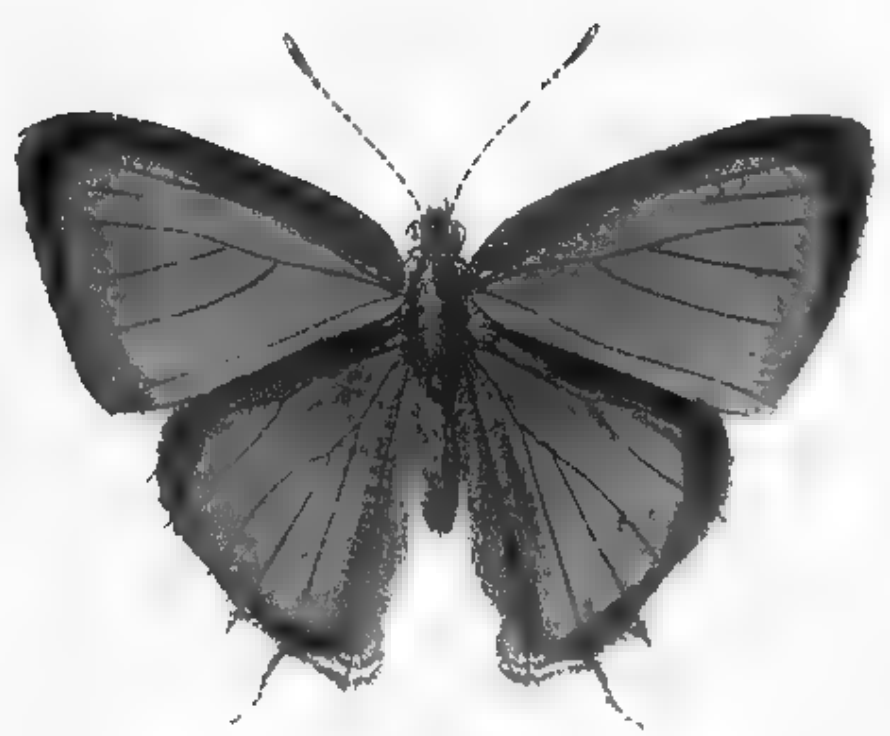
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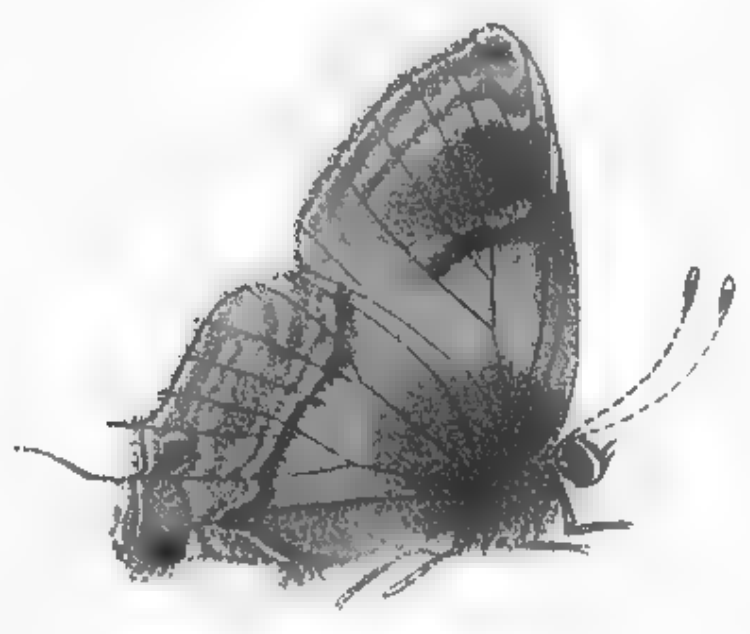
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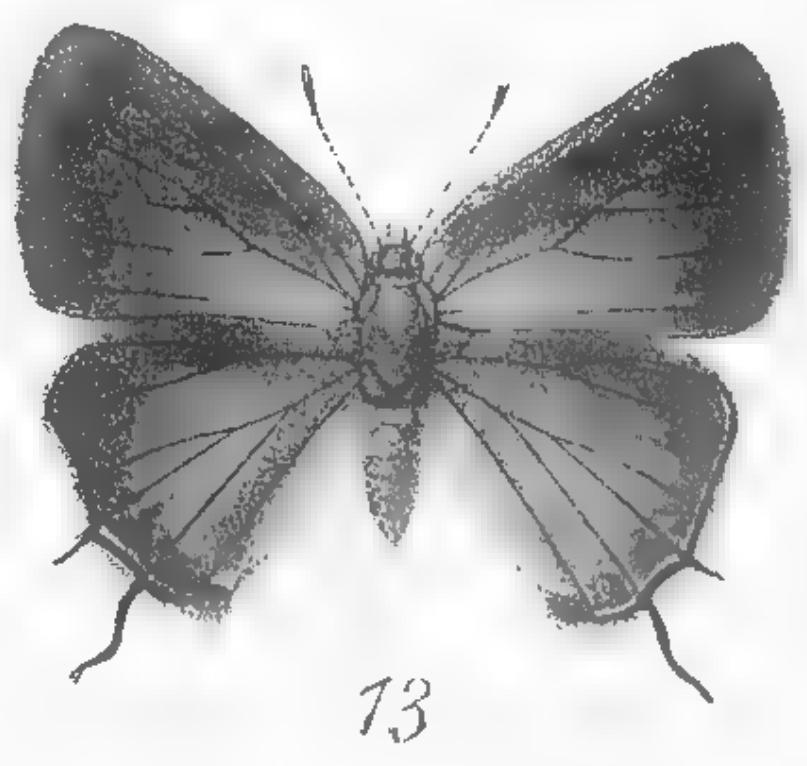
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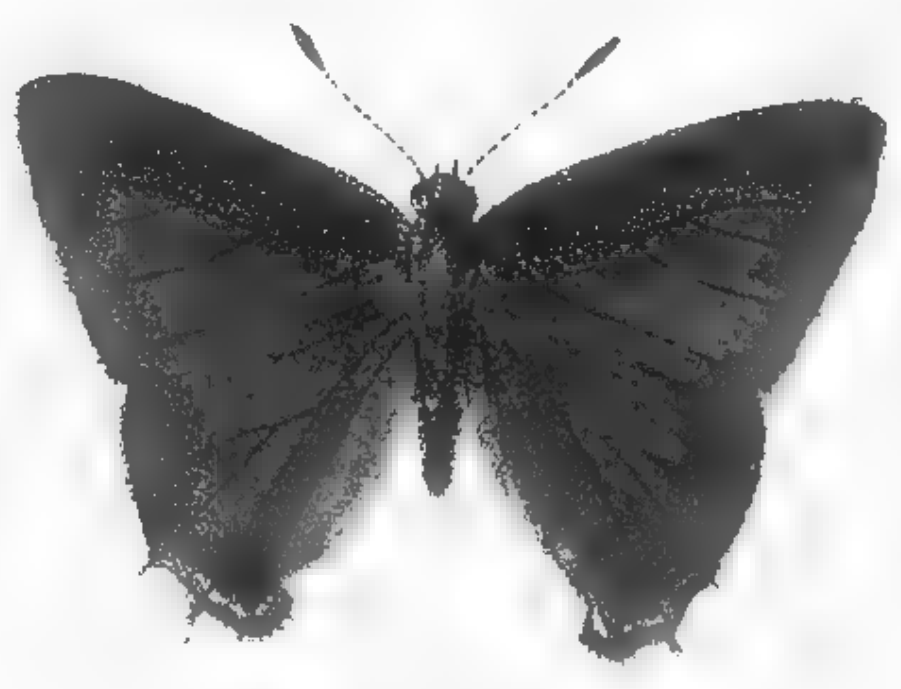
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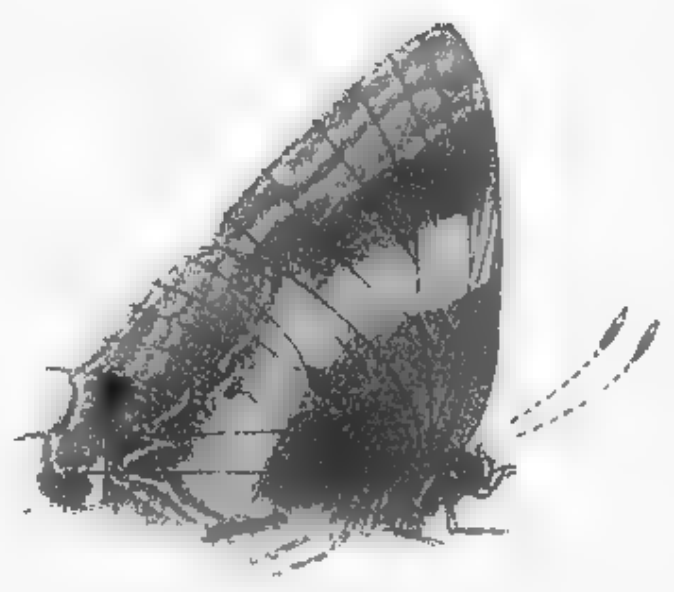
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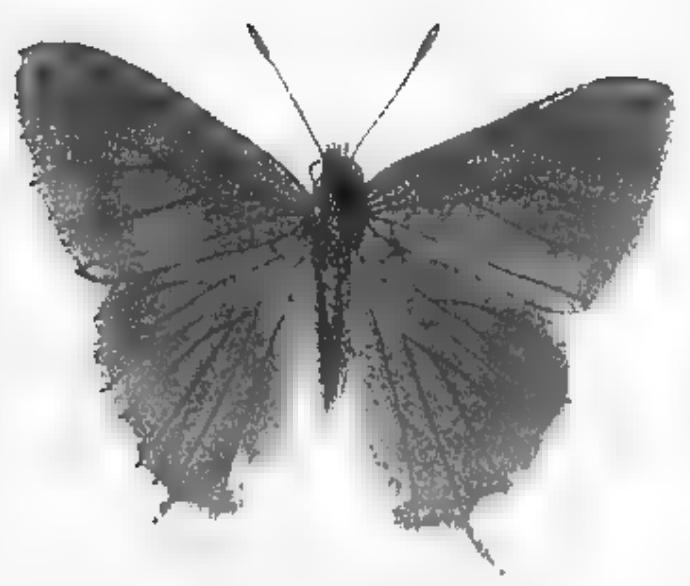
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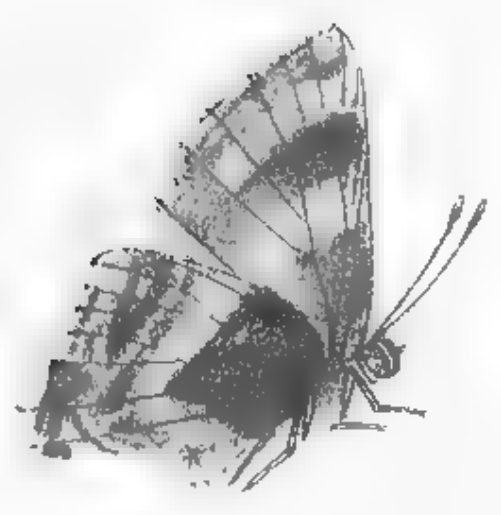
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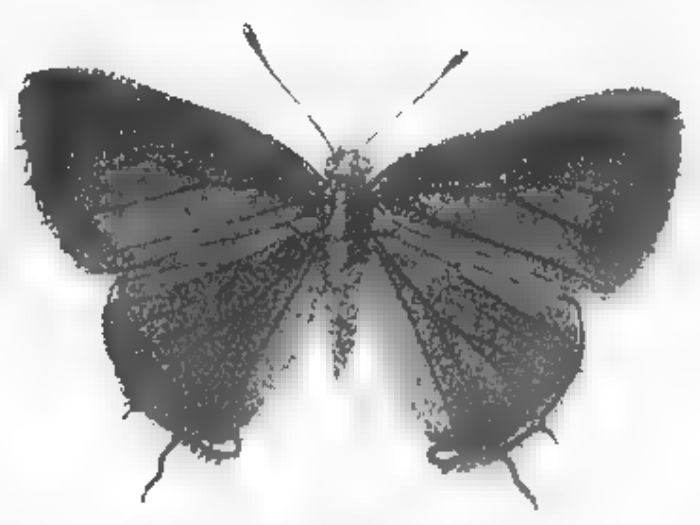
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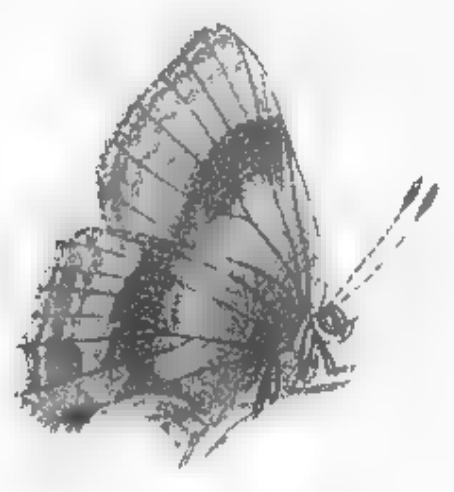
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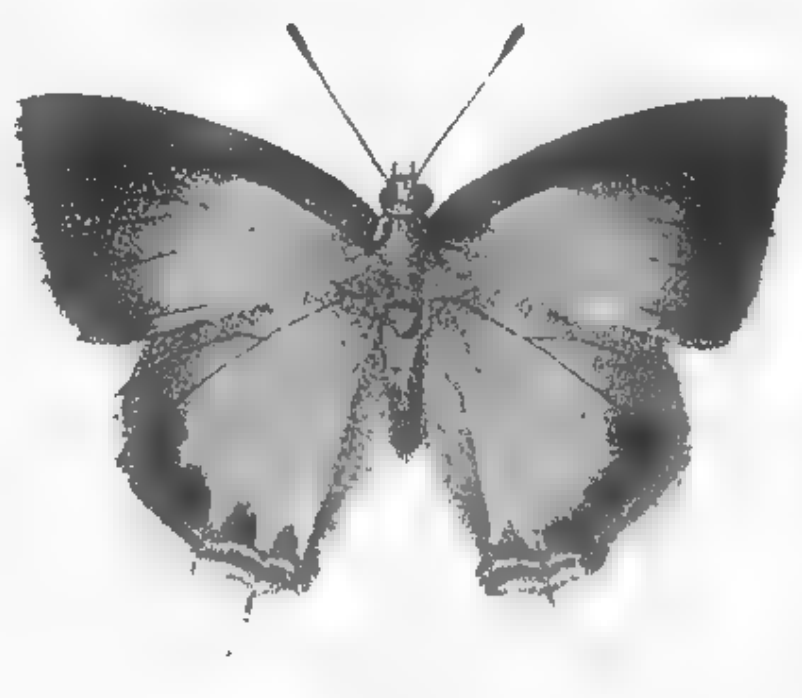
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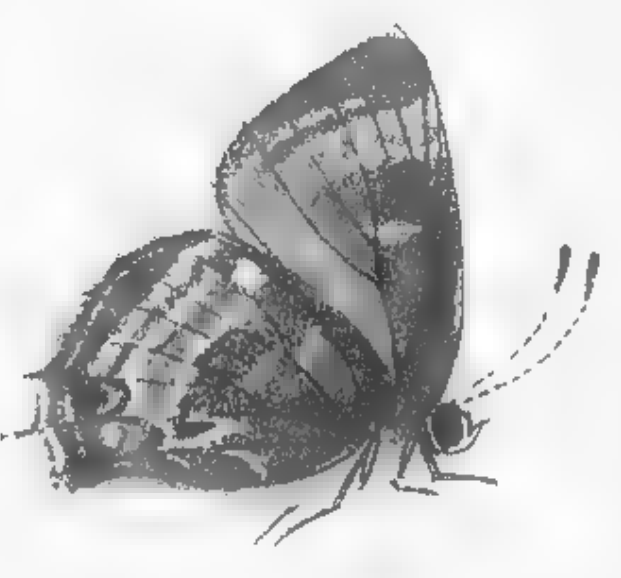
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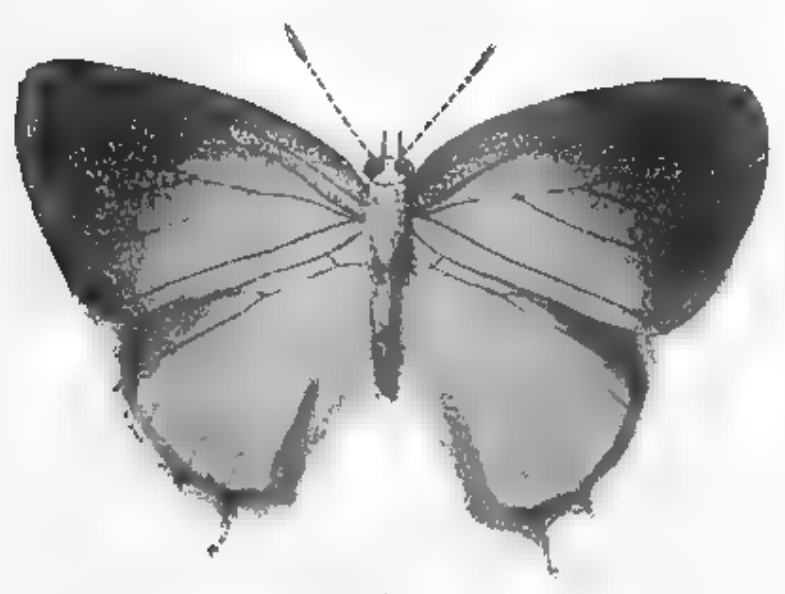
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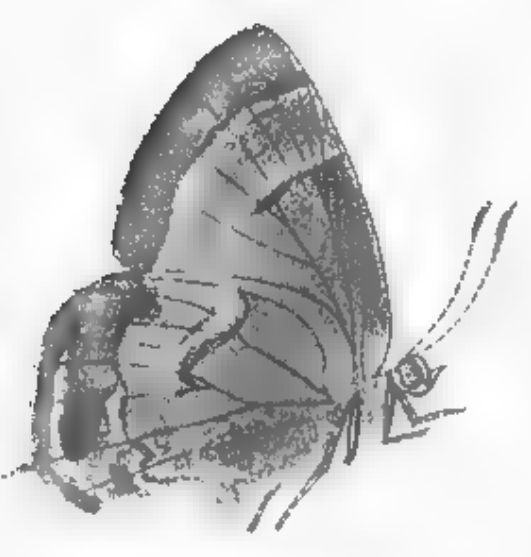
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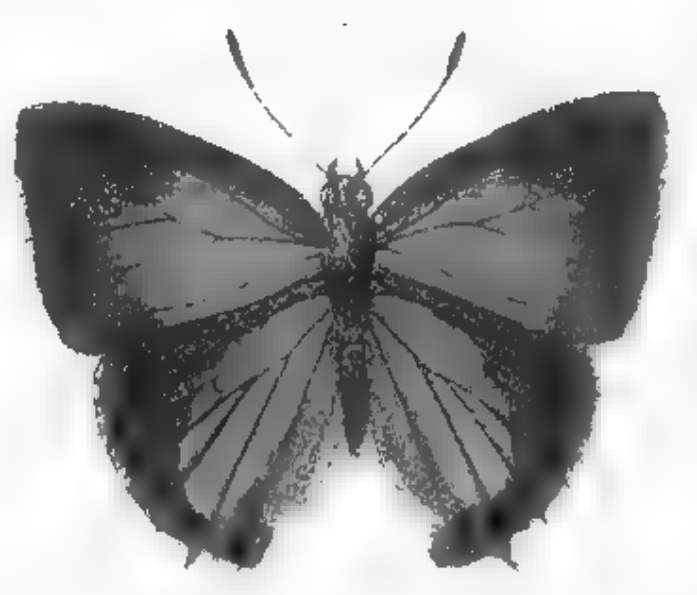
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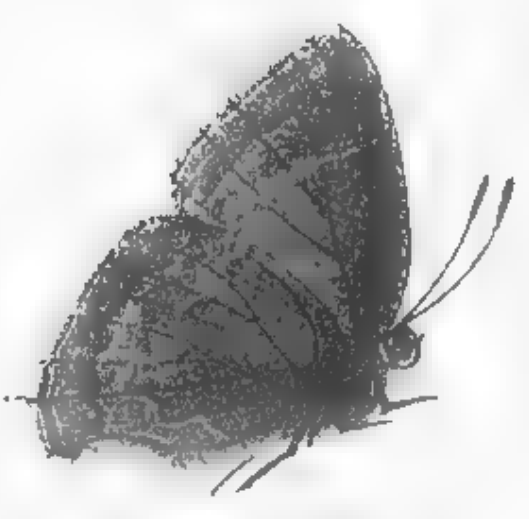
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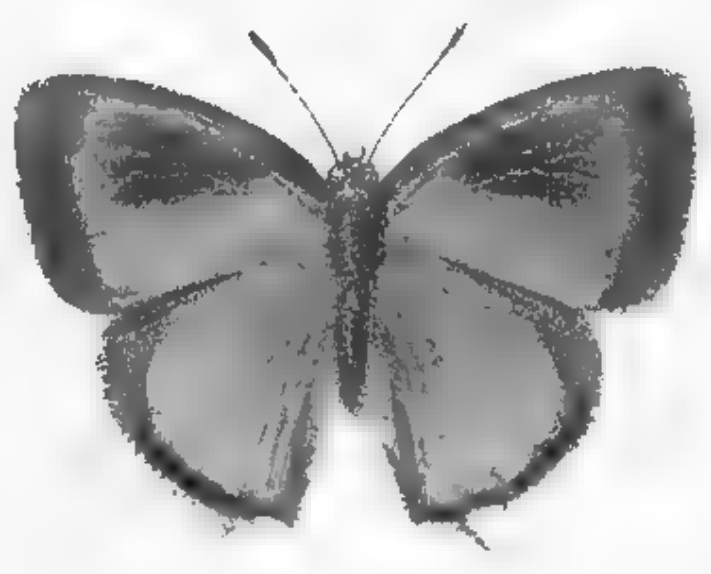
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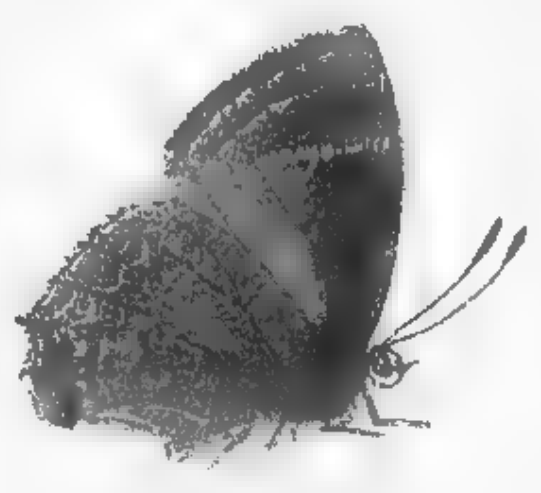
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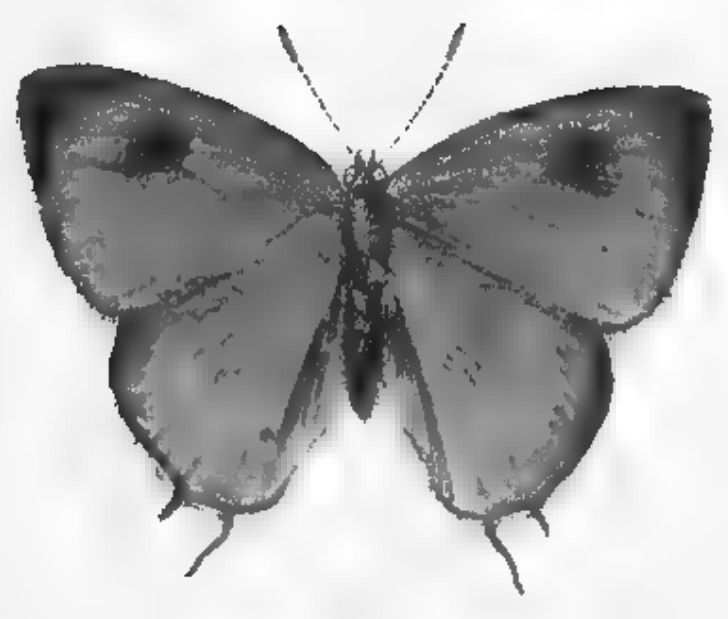
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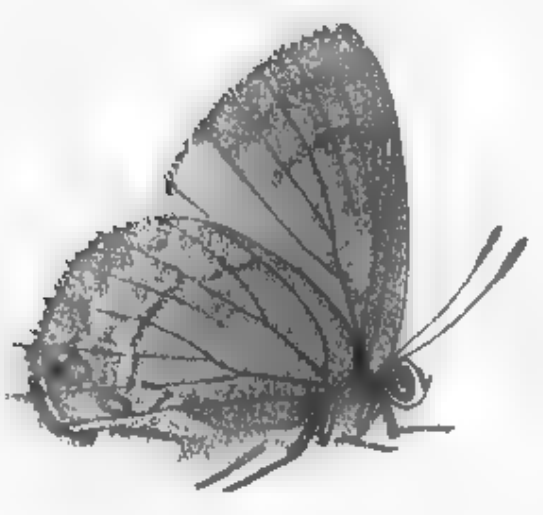
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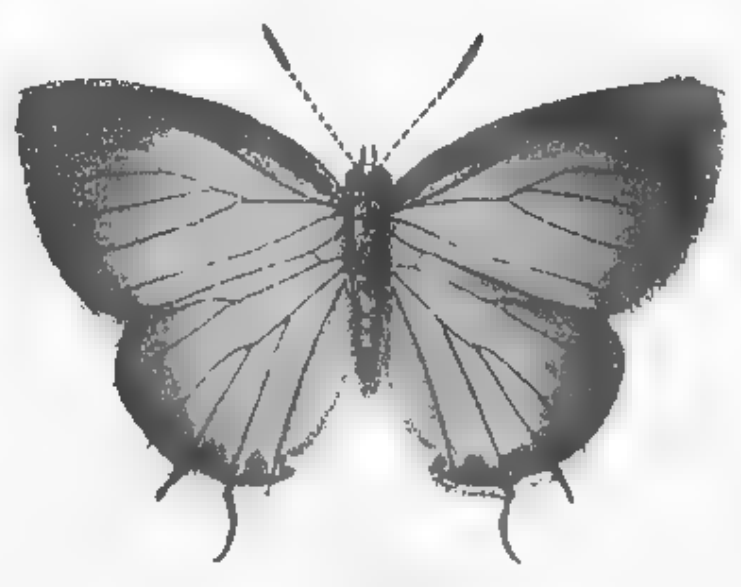
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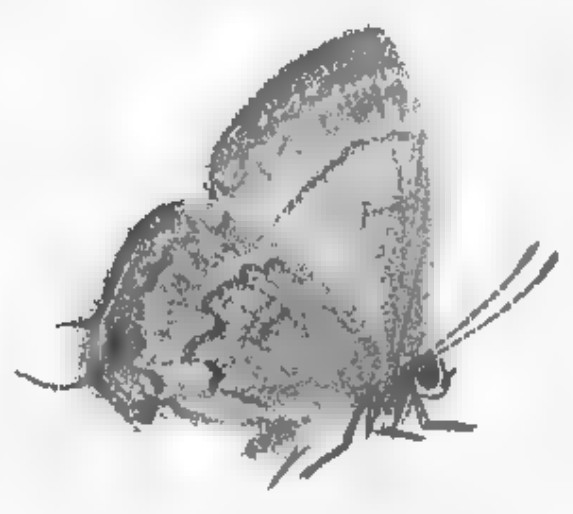
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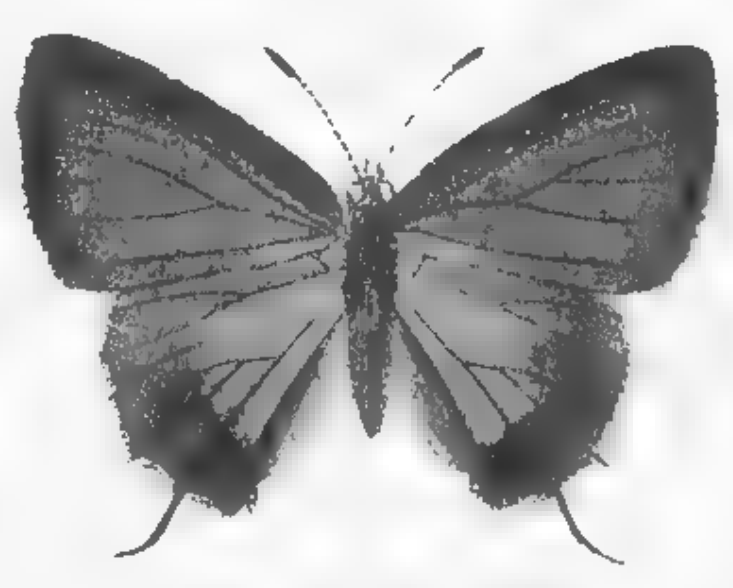
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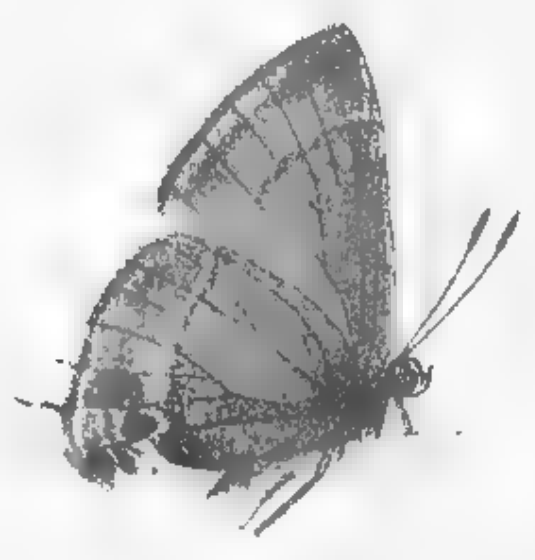
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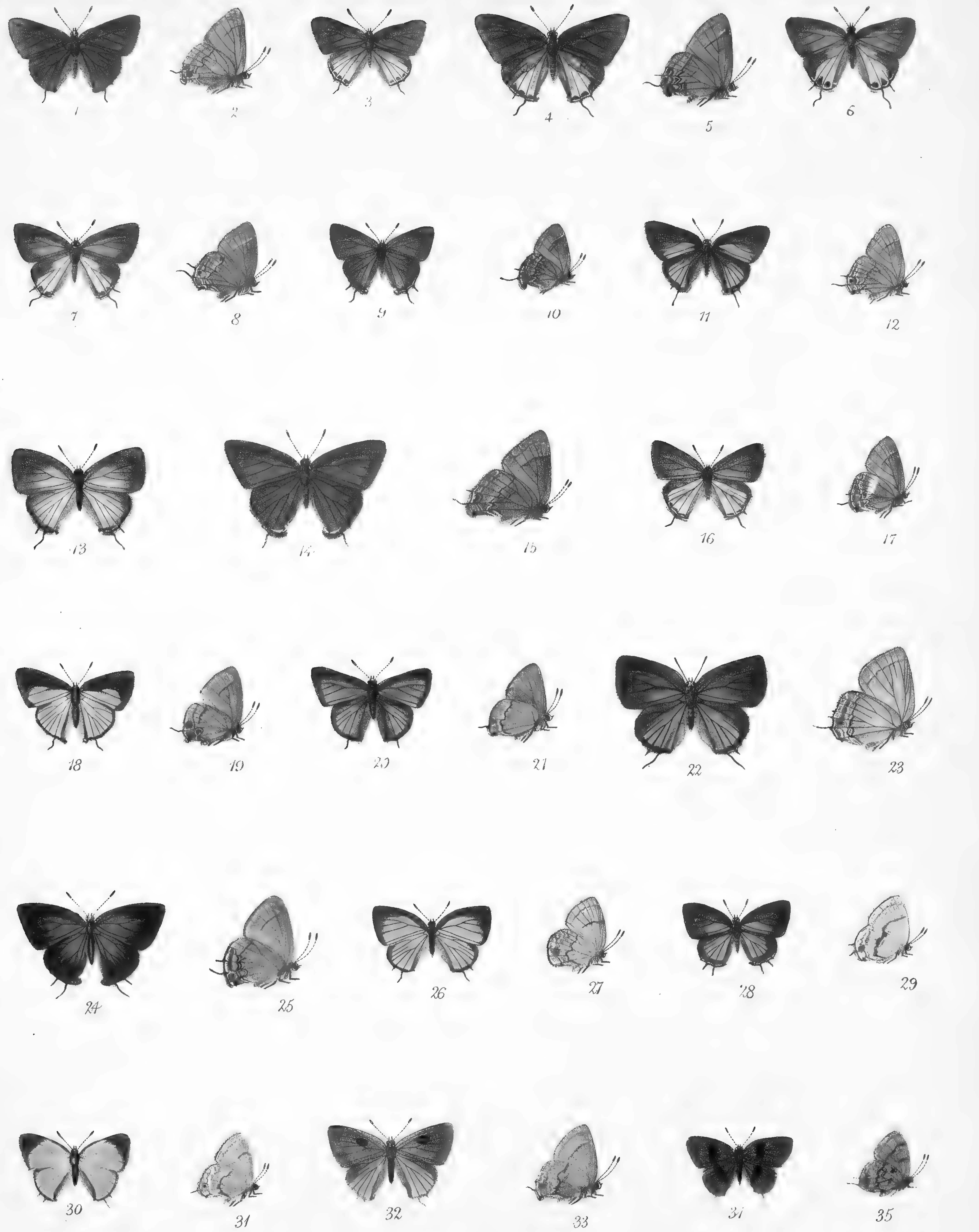
1, 2 ♂, 3 ♀ THECLA PROBA.
4, 5 ♂ " IOPAS.
6, 7 ♂ " BALIUS.
8, 9 ♂ " NICÆE.
10 ♂ " MYRSINA.

11, 12 ♂, 13 ♀ THECLA ORCIDIA.
14, 15 ♂ " TABENA.
16, 17 ♂ " TARPA.
18, 19 " PARALUS.
20, 21 ♂ " ODINUS.
22, 23 ♂ " MÆONIS.

24, 25 ♂ THECLA PARON.
26, 27 ♂ " HERACLIDES.
28, 29 ♂ " DODAVA.
30, 31 ♀ " ENDELA.
32, 33 ♂ " ORICO.

T. Purkiss lith. Hanhart imp.

KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black
Centimetres Inches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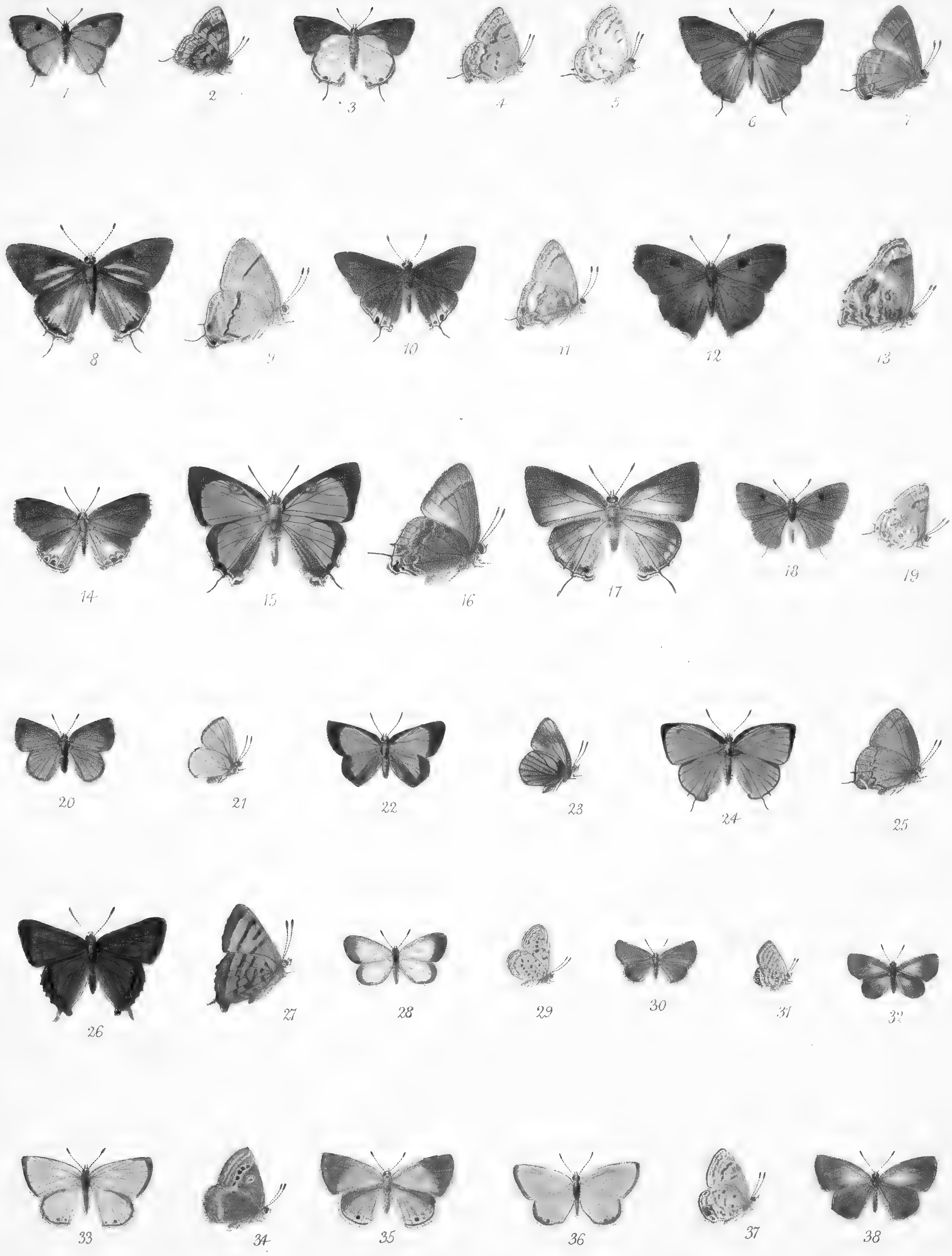
1, 2 ♂ 3, ♀ THECLA NITETIS.
4, 5 ♂ 6, ♀ " BEON.
7, 8 ♂ " AMPLIA.
9, 10 ♂ " AUTOCLEA.
11, 12 ♂ 13, ♀ " NORTIA.

14, 15 ♂ THECLA SETHON.
16, 17 ♂ " TAMOS.
18, 19 ♂ " MIMAS.
20, 21 ♂ " GABINA.
22, 23 ♀ " MILTO.
24, 25 ♂ " PISIS.

26, 27 ♂ THECLA LOLLIA.
28, 29 ♂ " IAMBE.
30, 31 ♂ " LUCAGUS.
32, 33 ♂ " HESYCHIA.
34, 35 ♂ " HICETAS.

W. Purkiss lith.
Hanhart imp.
480.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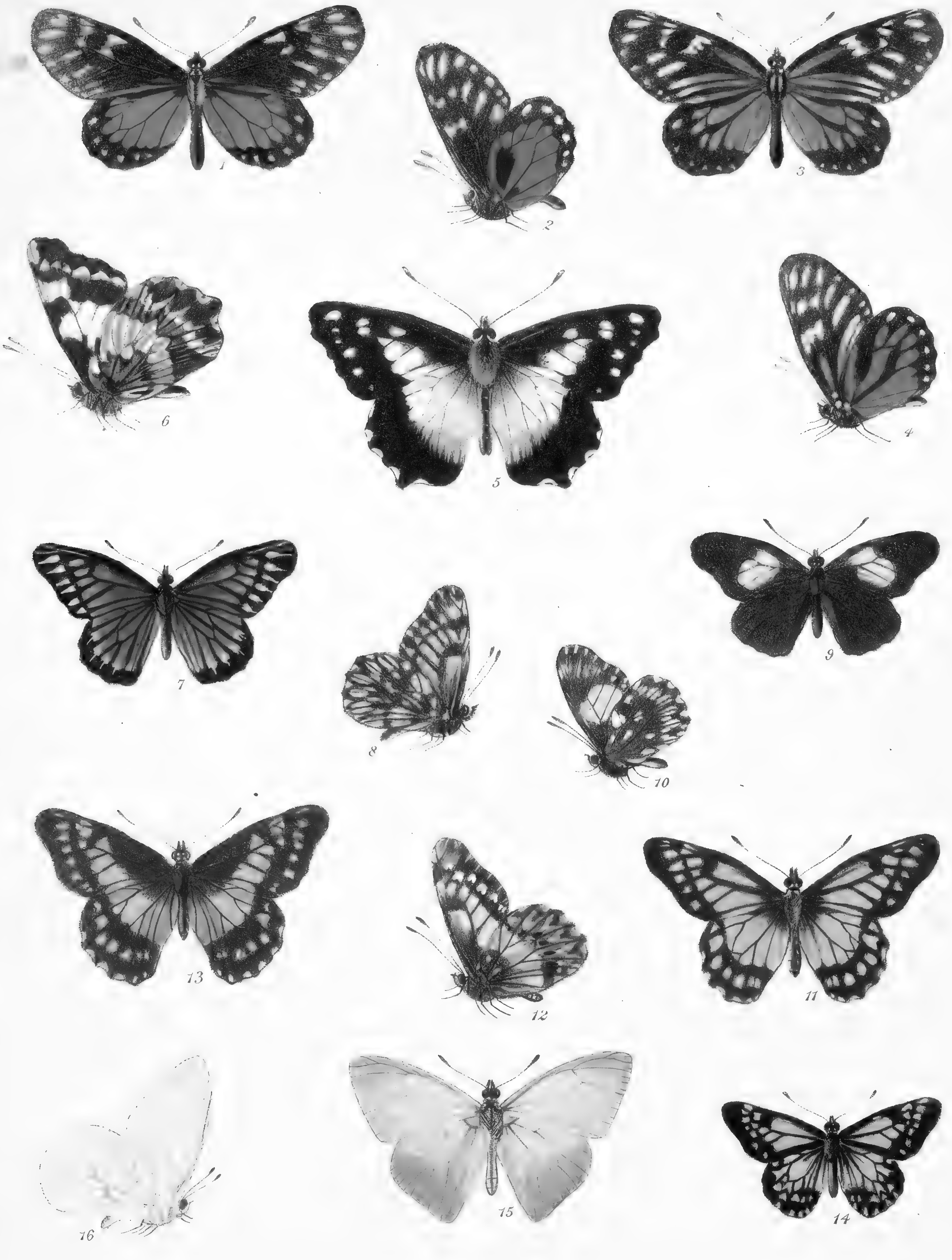
1, 2 ♂ THECLA PÆTUS.
3, 4 ♂ " MÆVIA.
5 ♂ " SCOPAS.
6, 7 ♂ " SYLLIS.
8, 9 ♂ " SERAPIO.
10, 11 ♂ " ALEA.

12, 13 ♂, 14 ♀ THECLA CESTRI.
15, 16 ♂, 17 ♀ " HECALE.
18, 19 ♂ " INOA.
20, 21 ♂ " SEMONES.
22, 23 ♂ " SCHAUSI.

24, 25 ♂ THECLOPSIS CÆUS.
26, 27 ♂ CHRYSOPHANUS (?) PYRRHIAS.
28, 29 ♂ LYCÆNA TULLIOLA.
30, 31 ♂, 32 ♀ " EXILIS.
33, 34 ♂, 35 ♀ " ISOLA.
36, 37 ♂, 38 ♀ " ZACHÆINA.

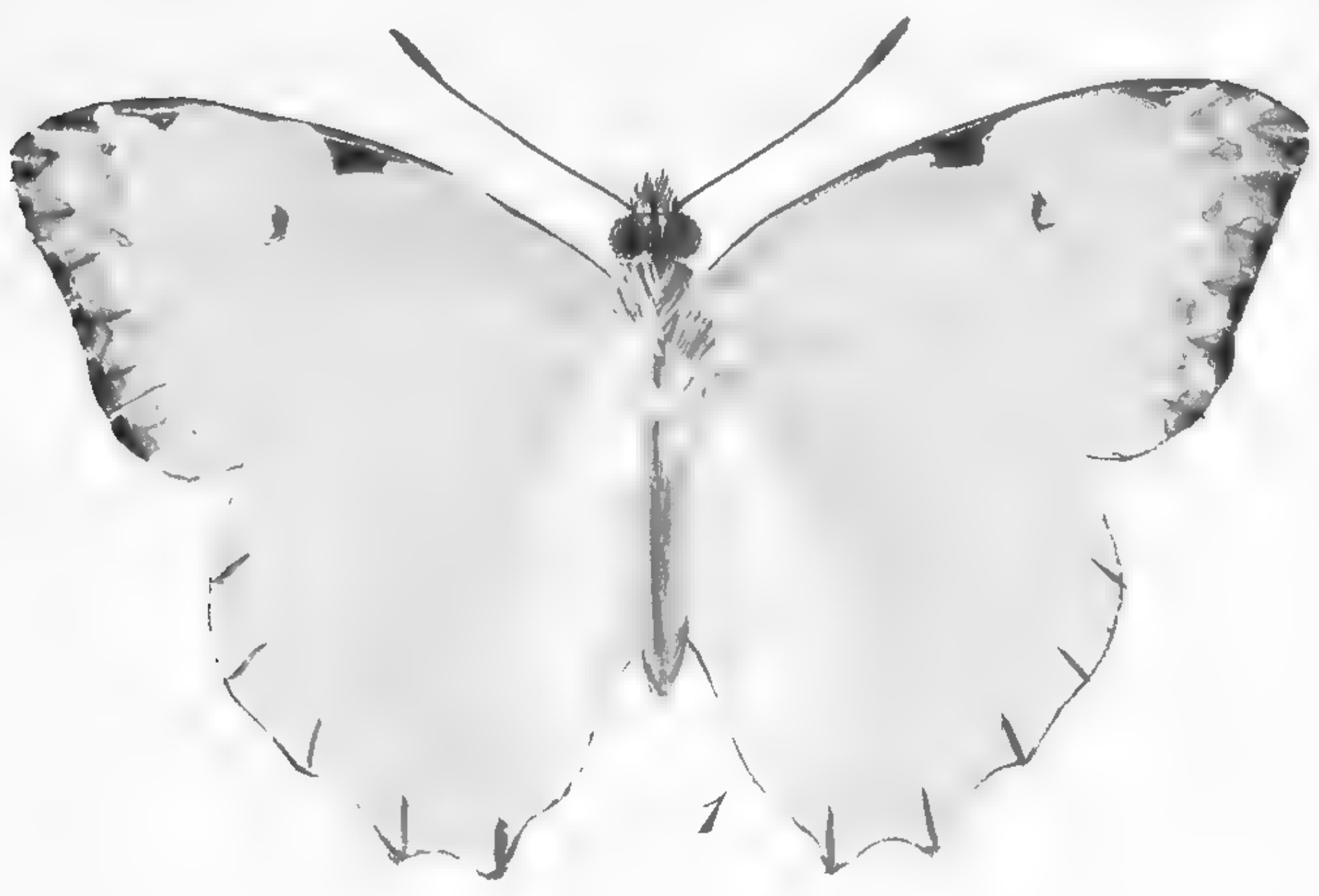
W. Purkiss lith.
Hanhart imp
484.



1,2 EUTERPE DIAMORPHITIS. 11,12♂,13♀ EUTERPE OCHRACEA.
3,4 " NIGRESCENS. 14 " THERESA.
5,6 " ZENOBINA. 15 HESPEROCHARIS CROCEA.
7,8♂, 9,10♀ " ACTINOTIS. 16 " ANTIPATER.

R.H.F. Rippon del. et lith.
Hanhart imp.
88

KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black
Centimetres
Inches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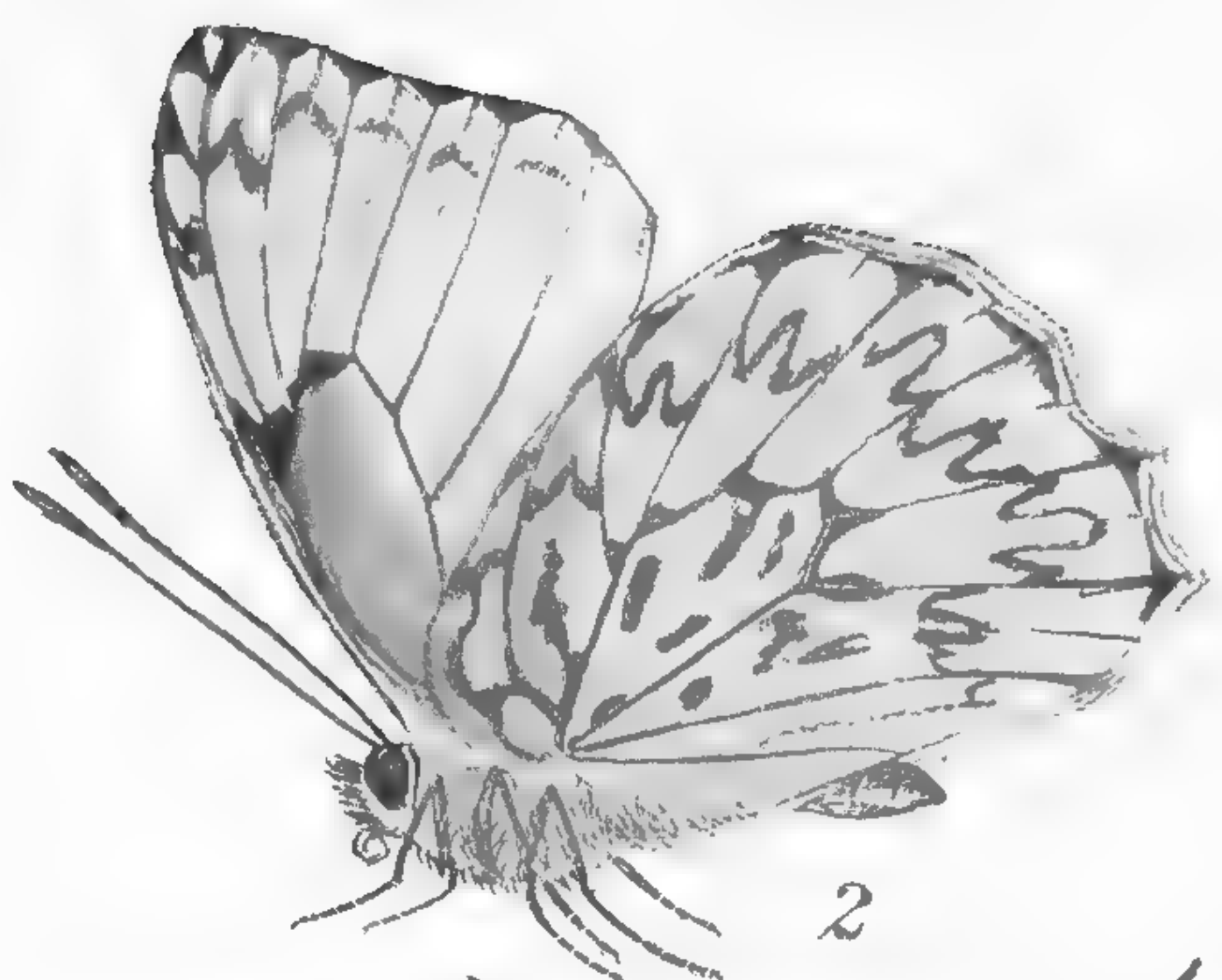
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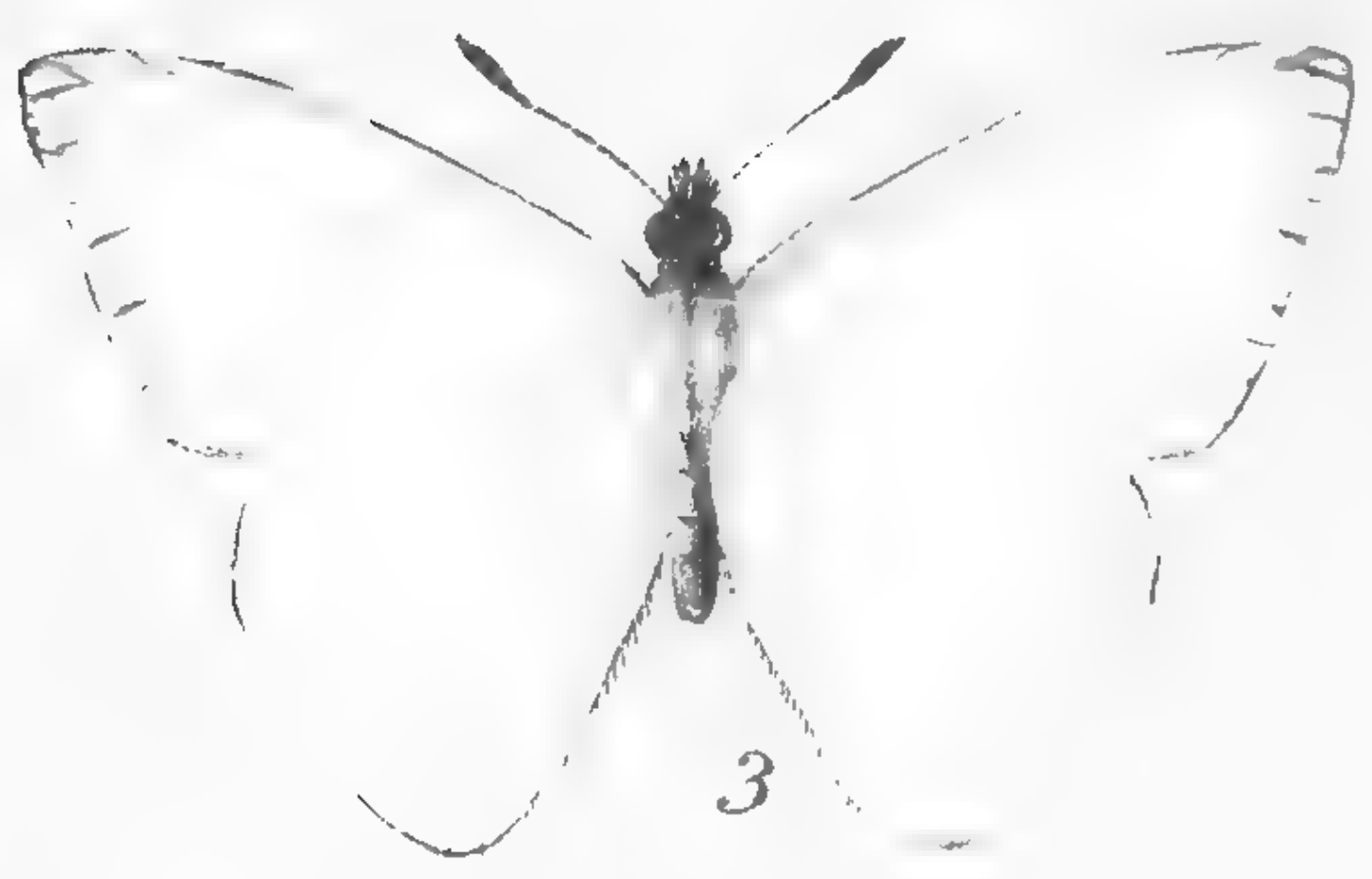
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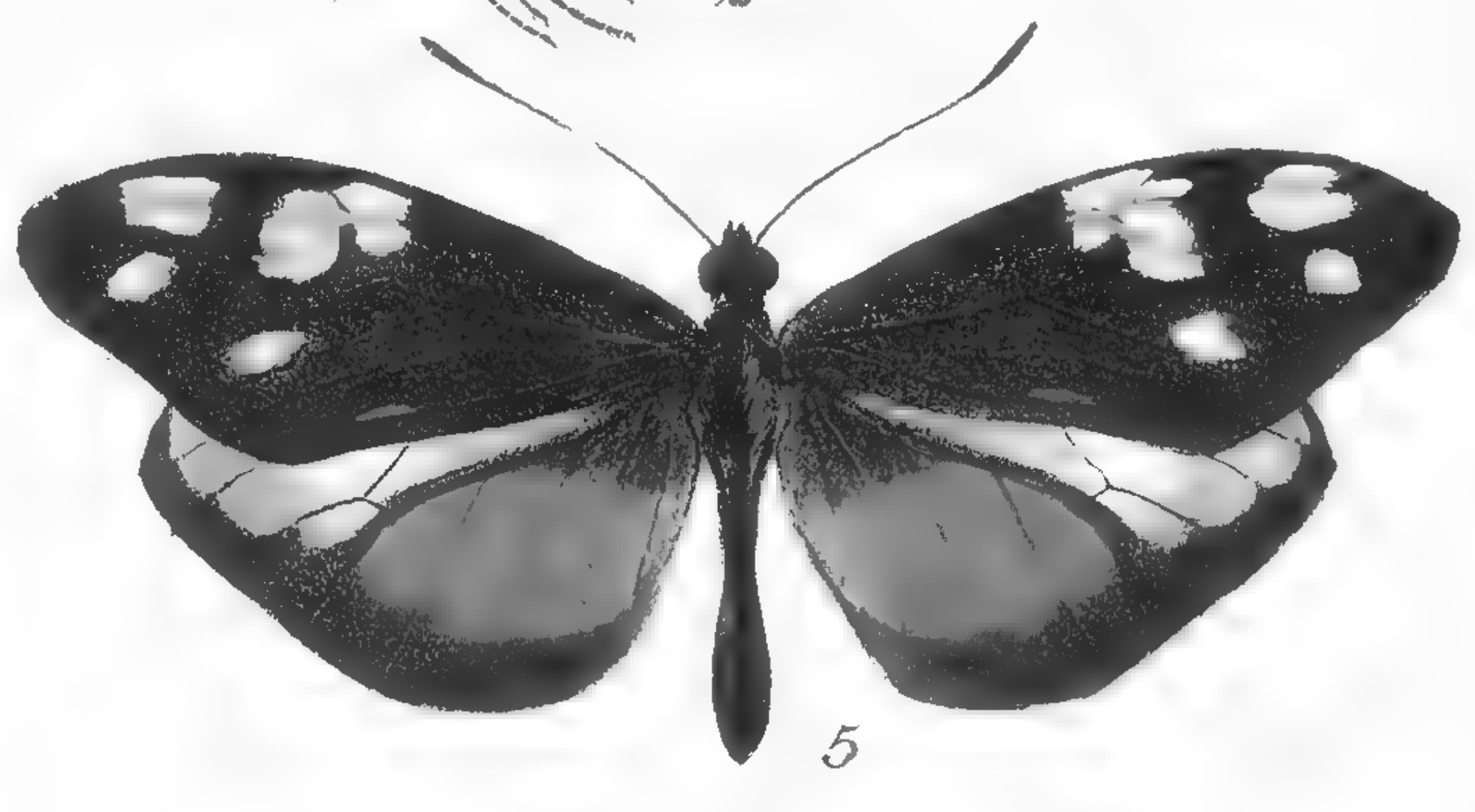
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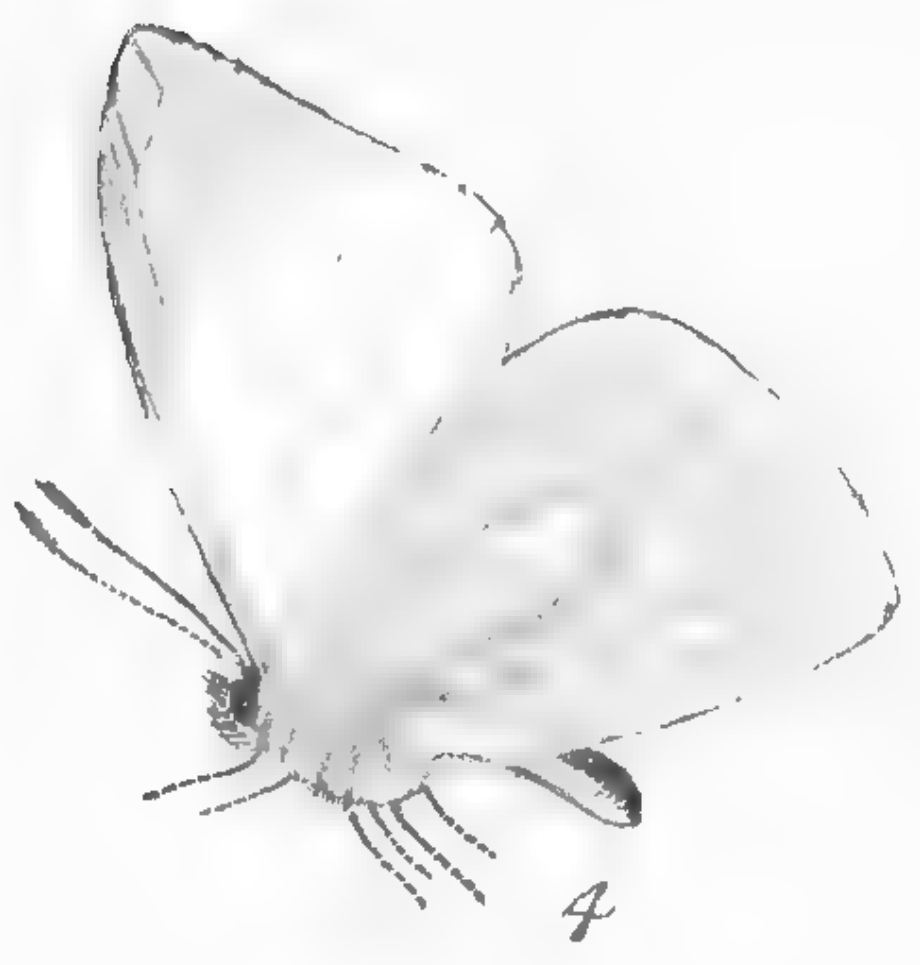
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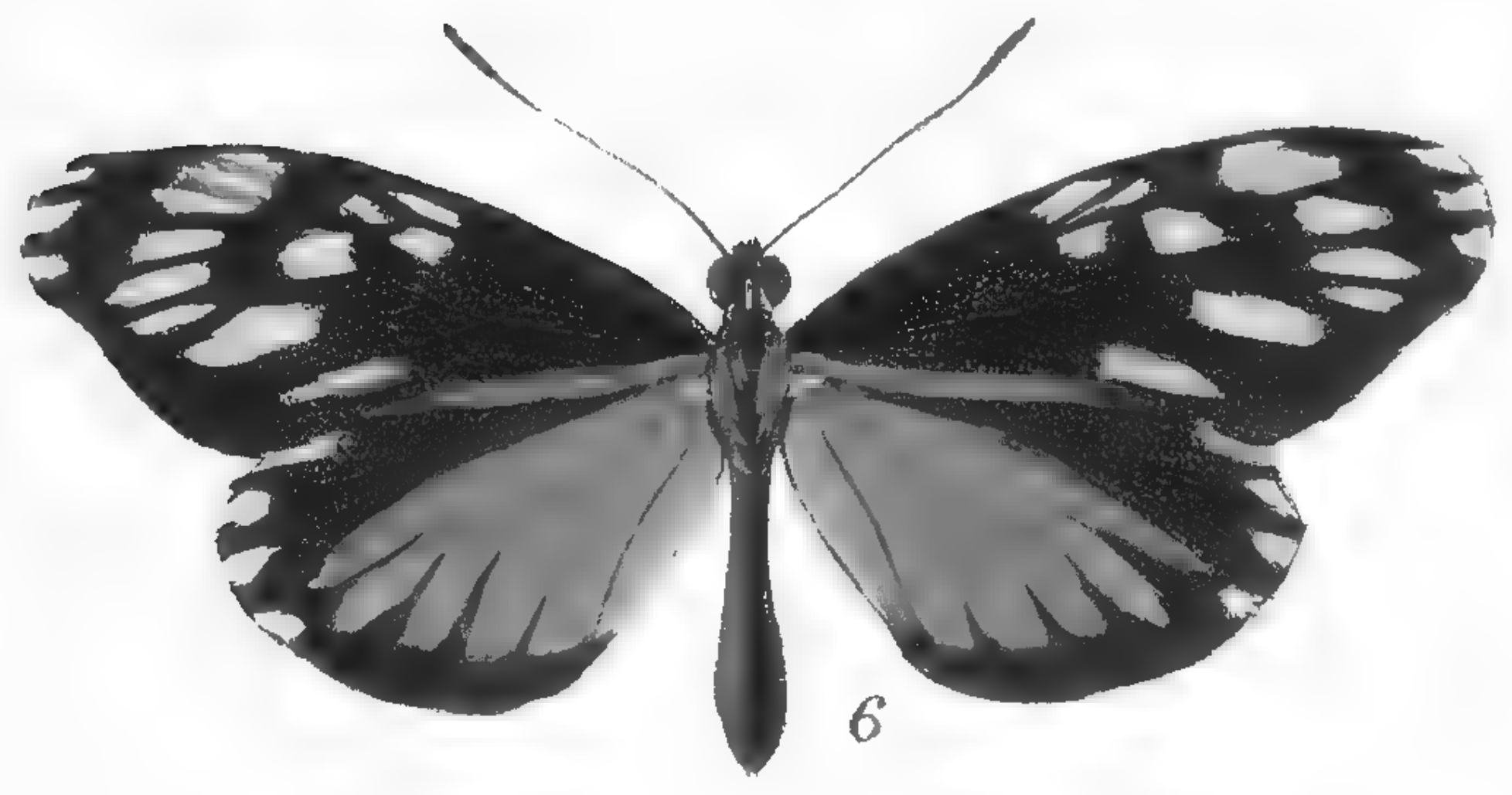
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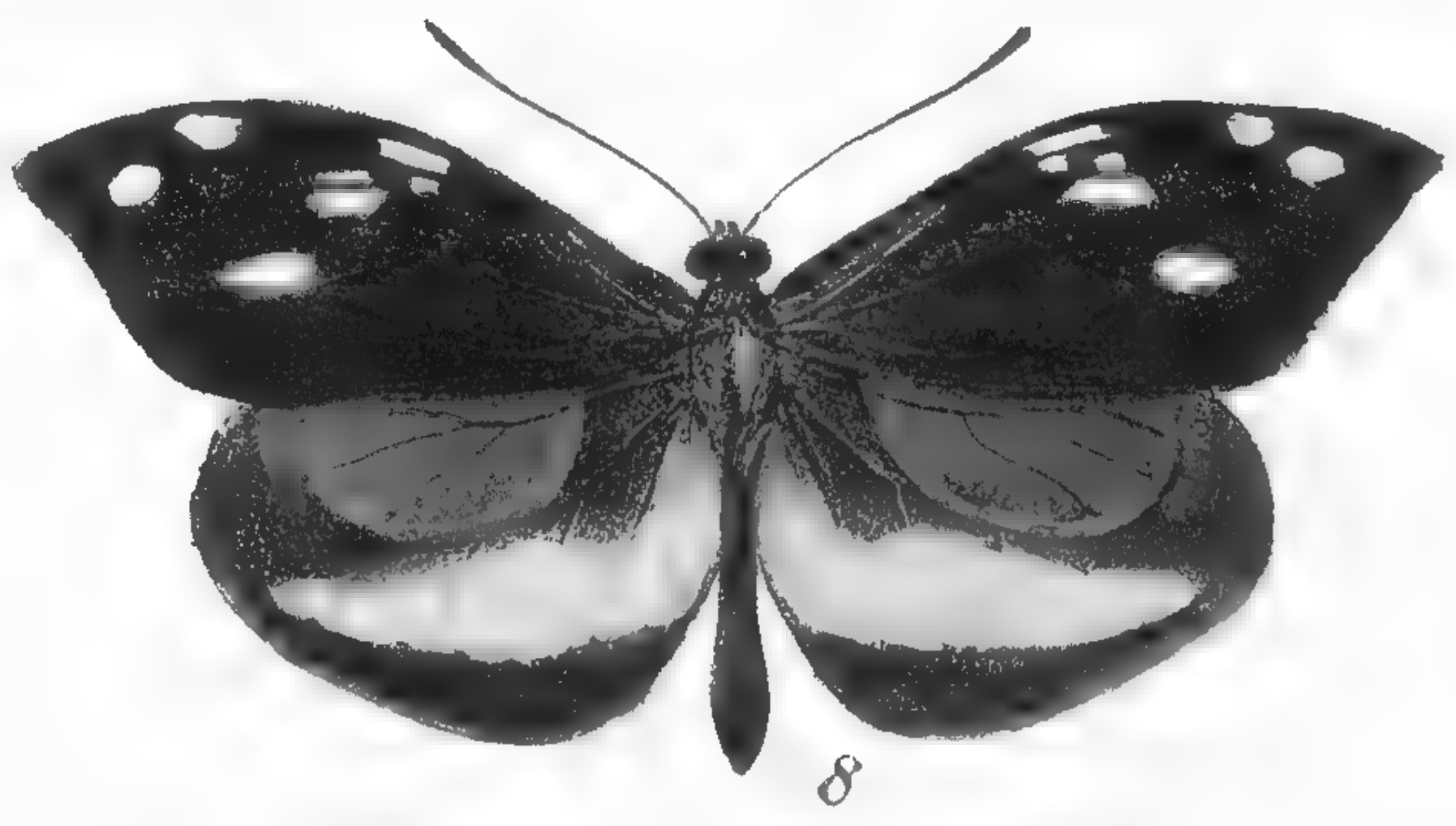
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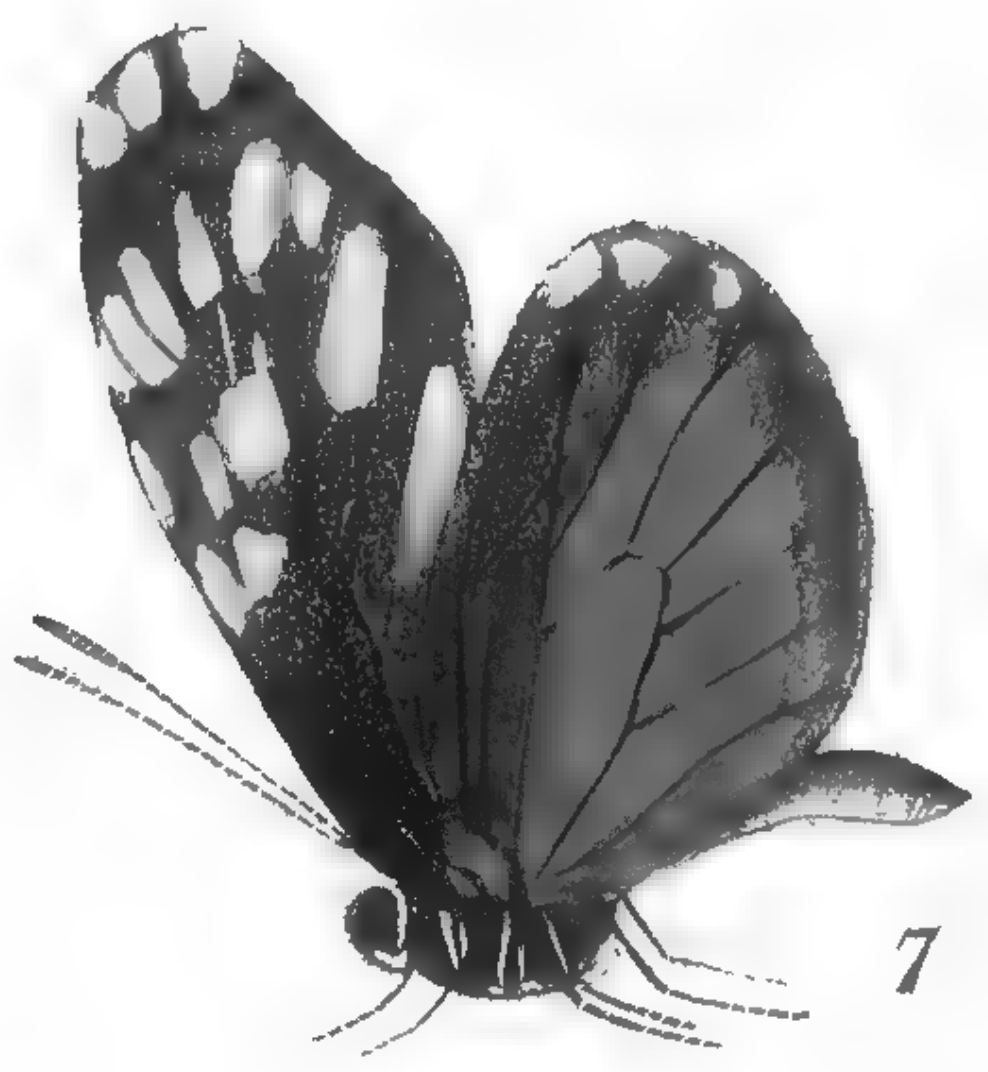
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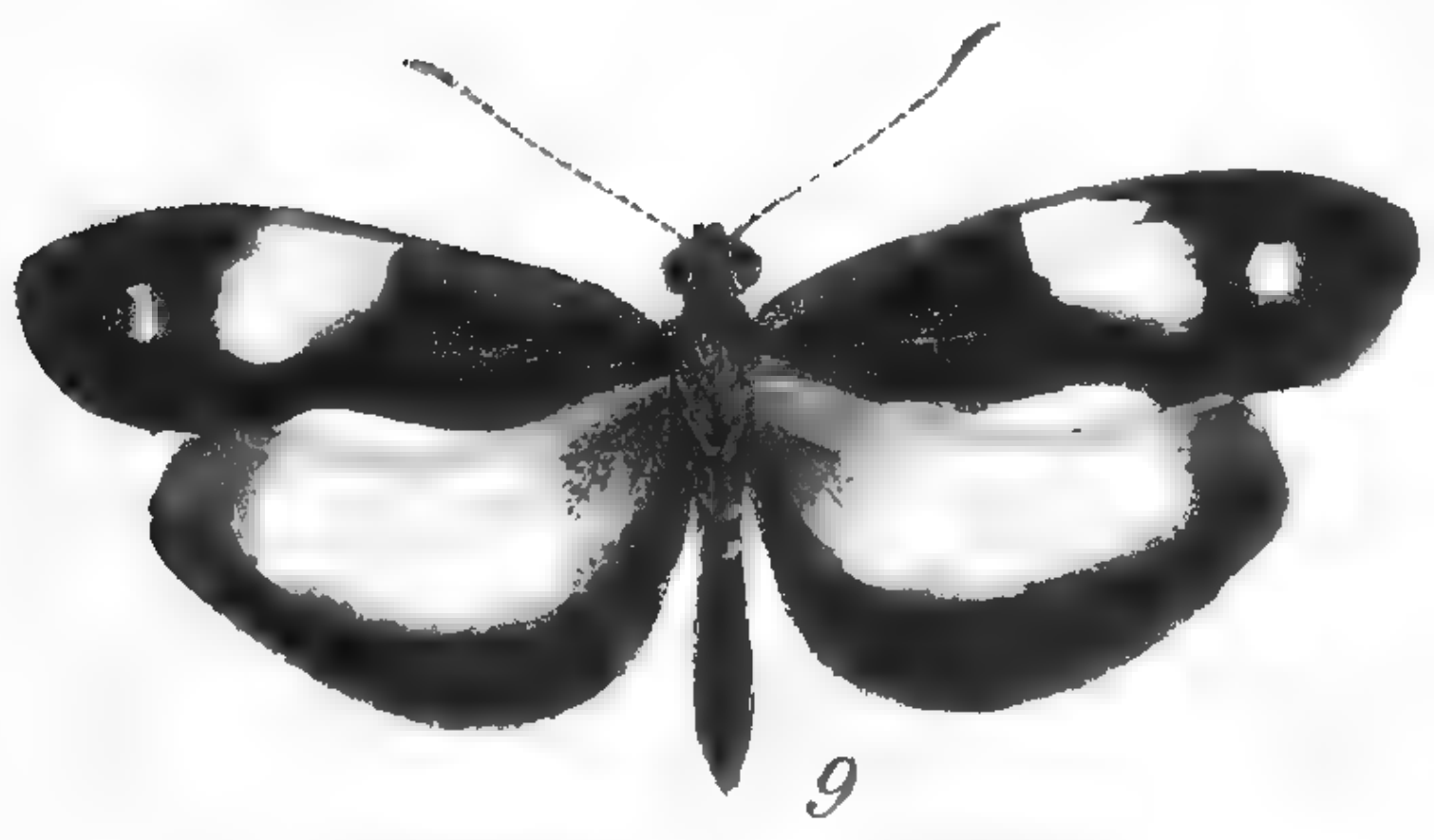
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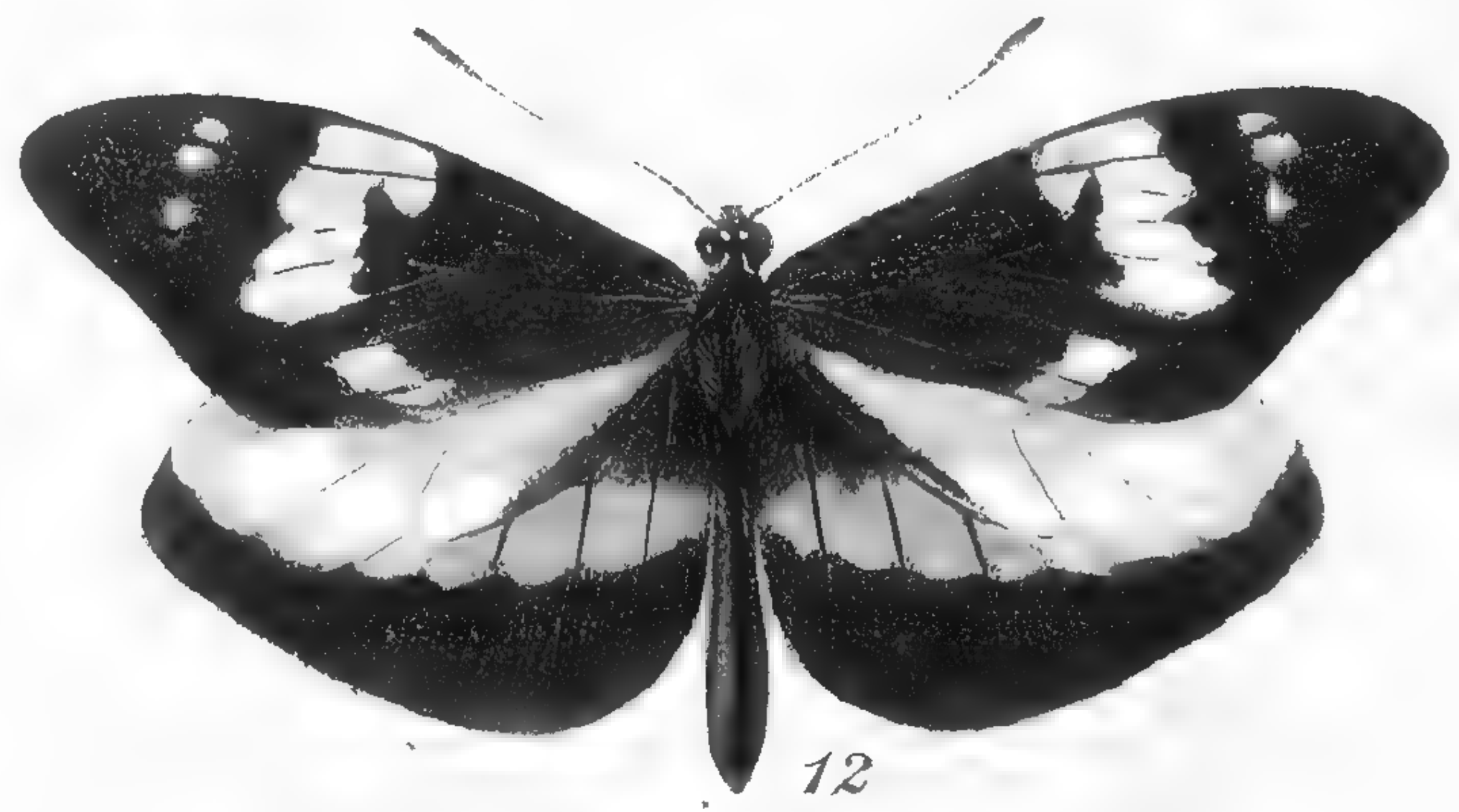
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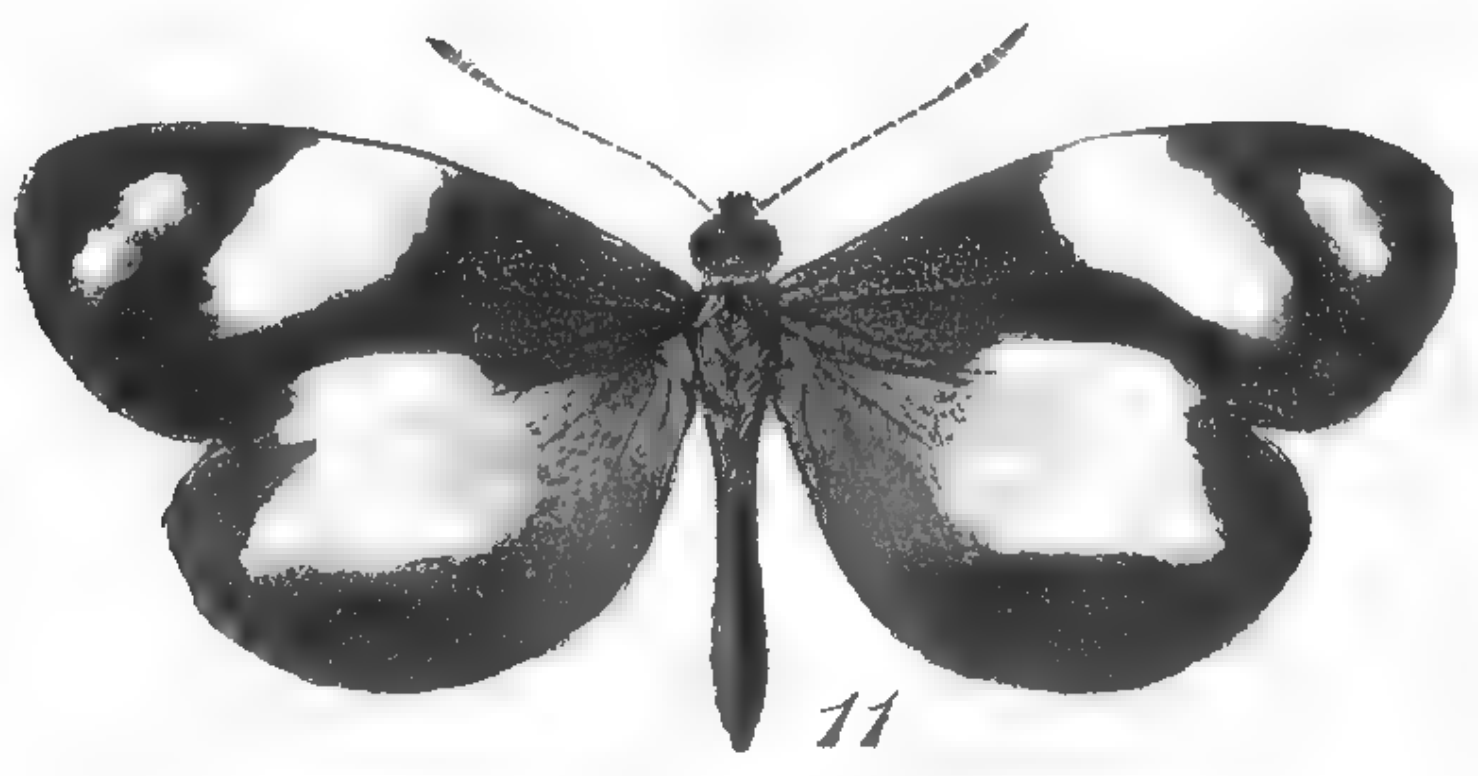
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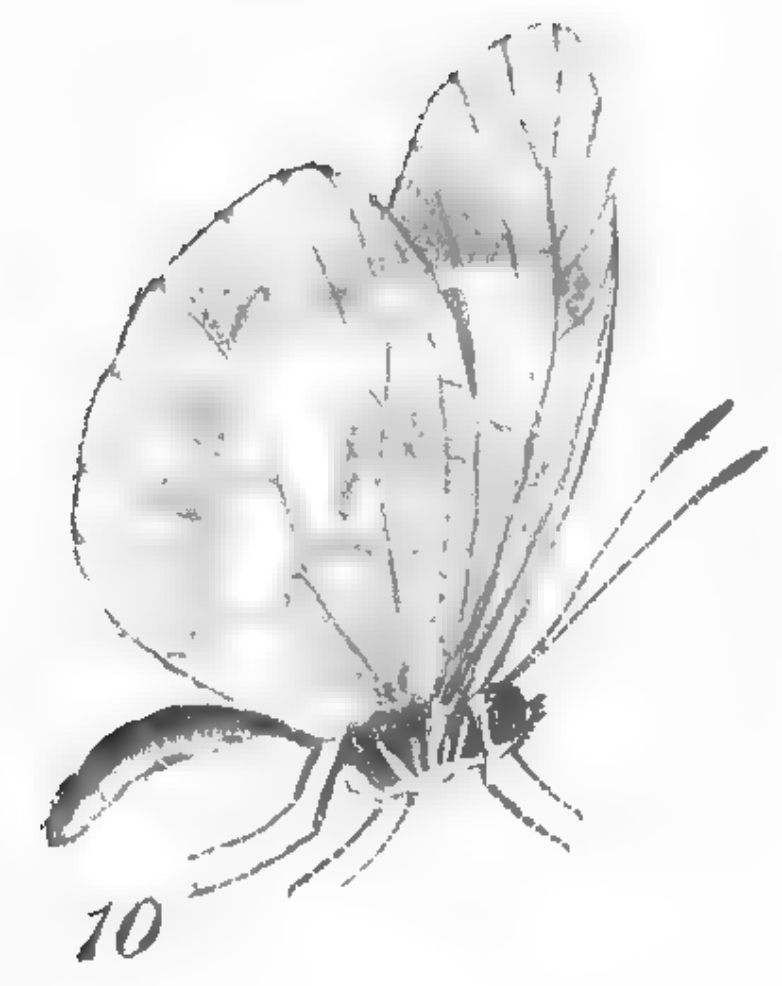
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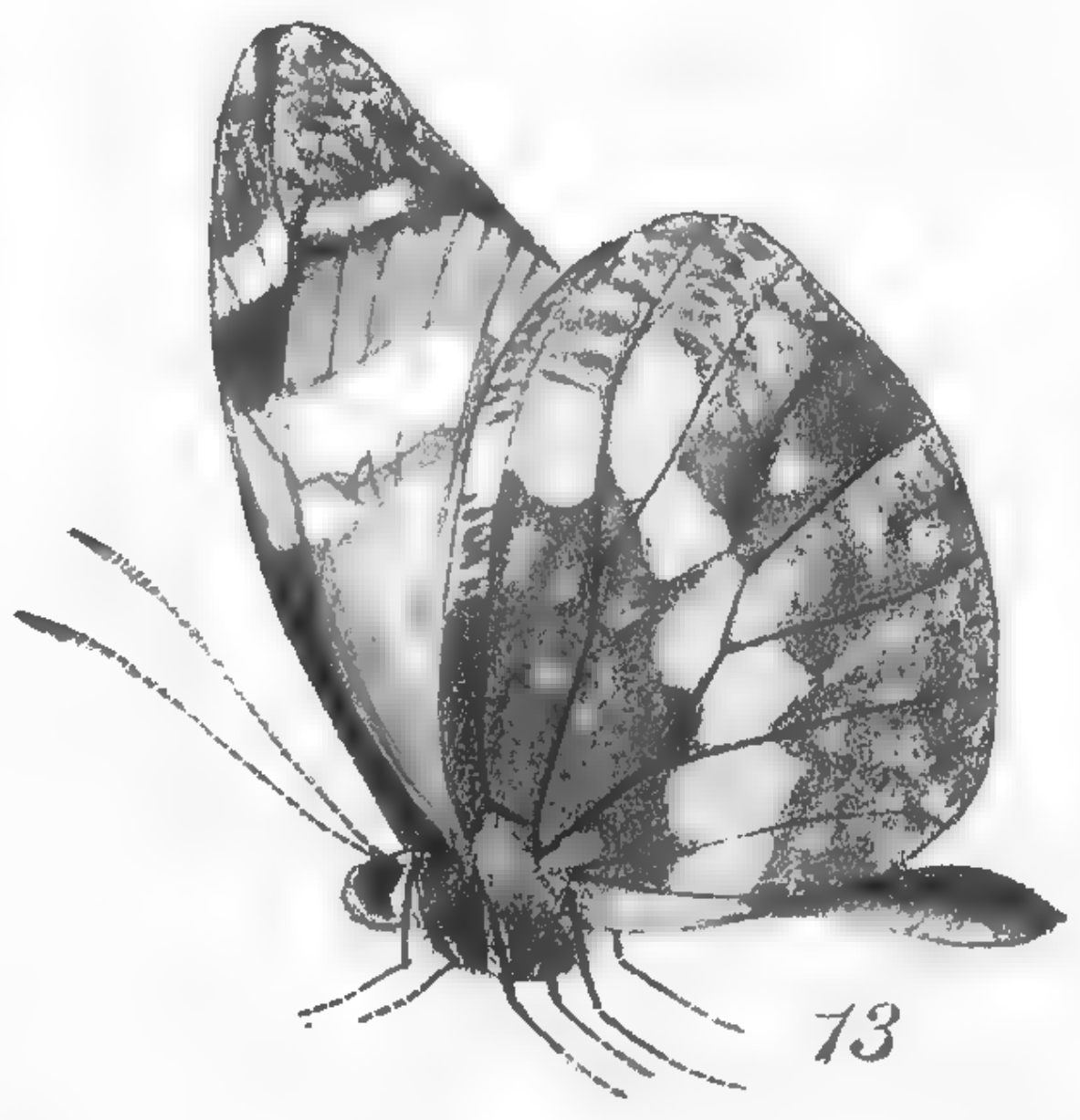
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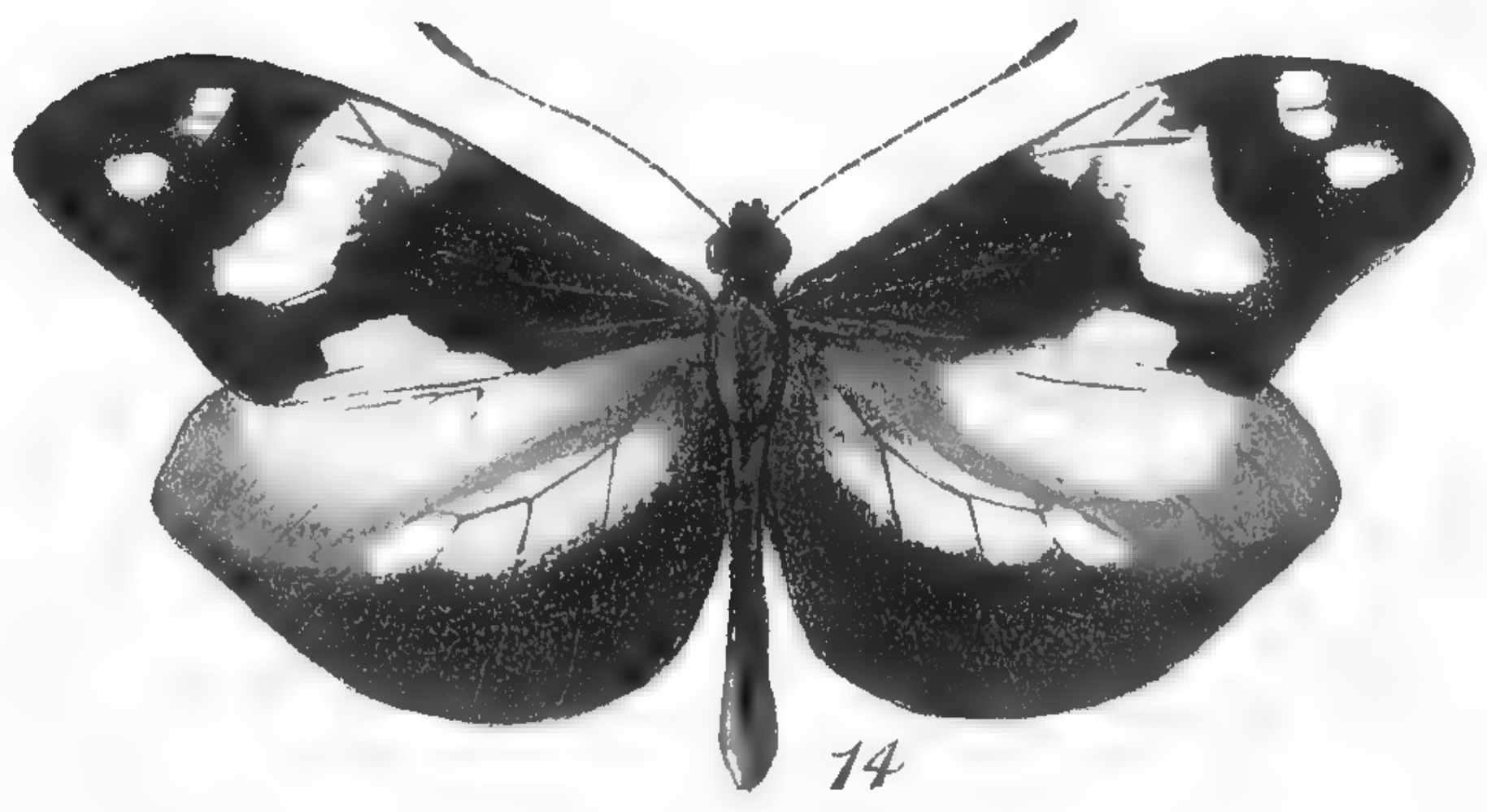
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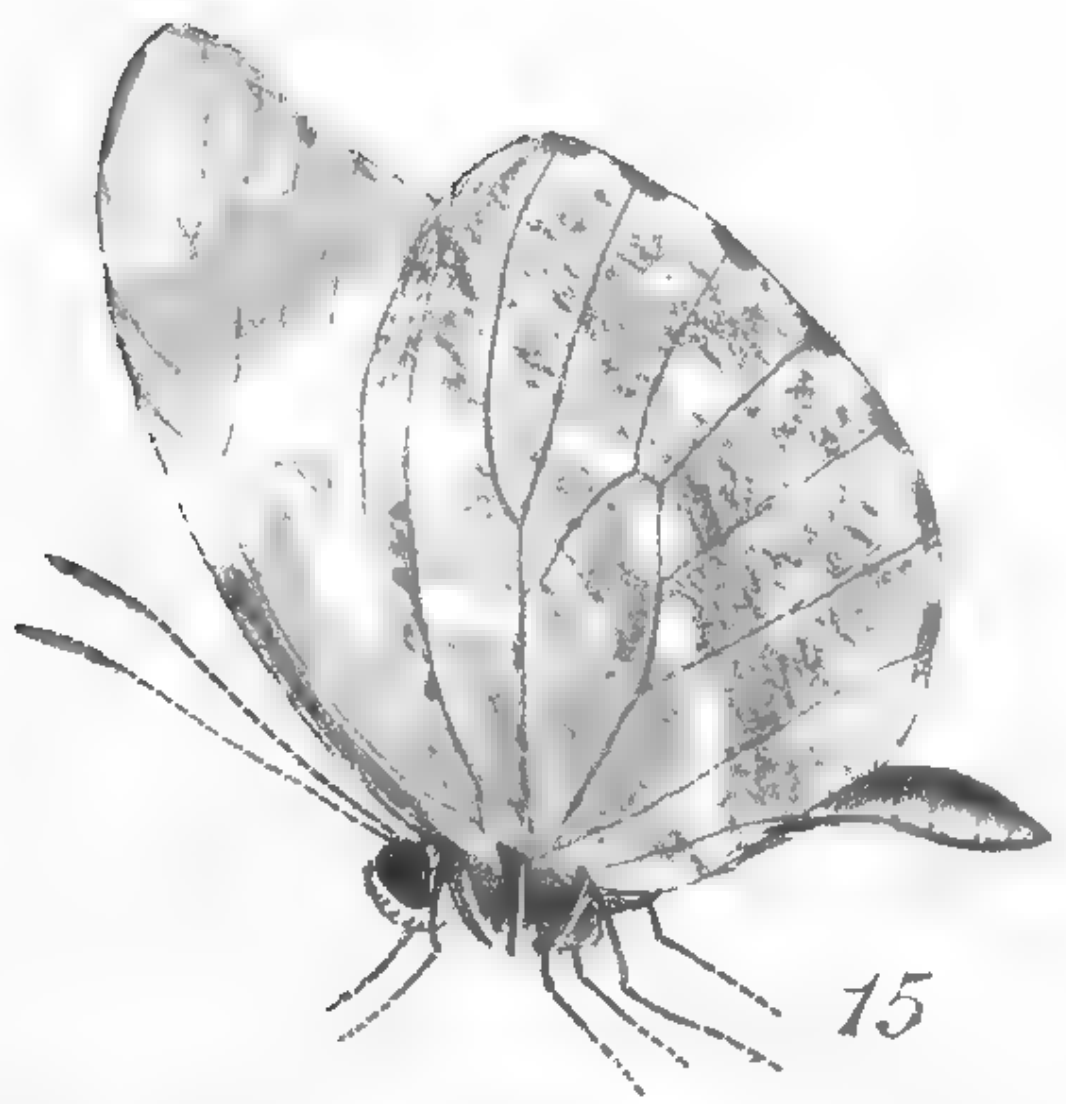
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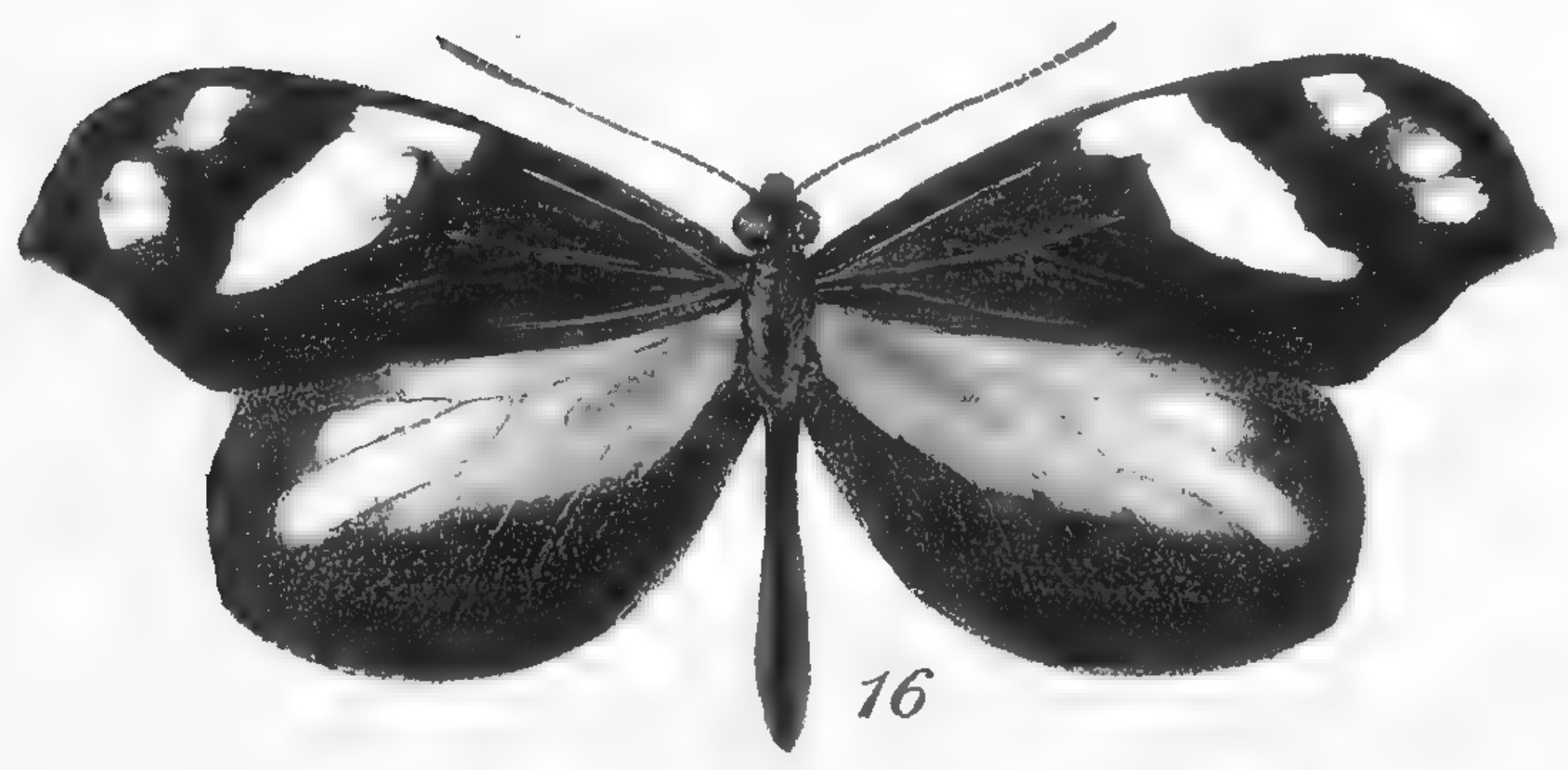
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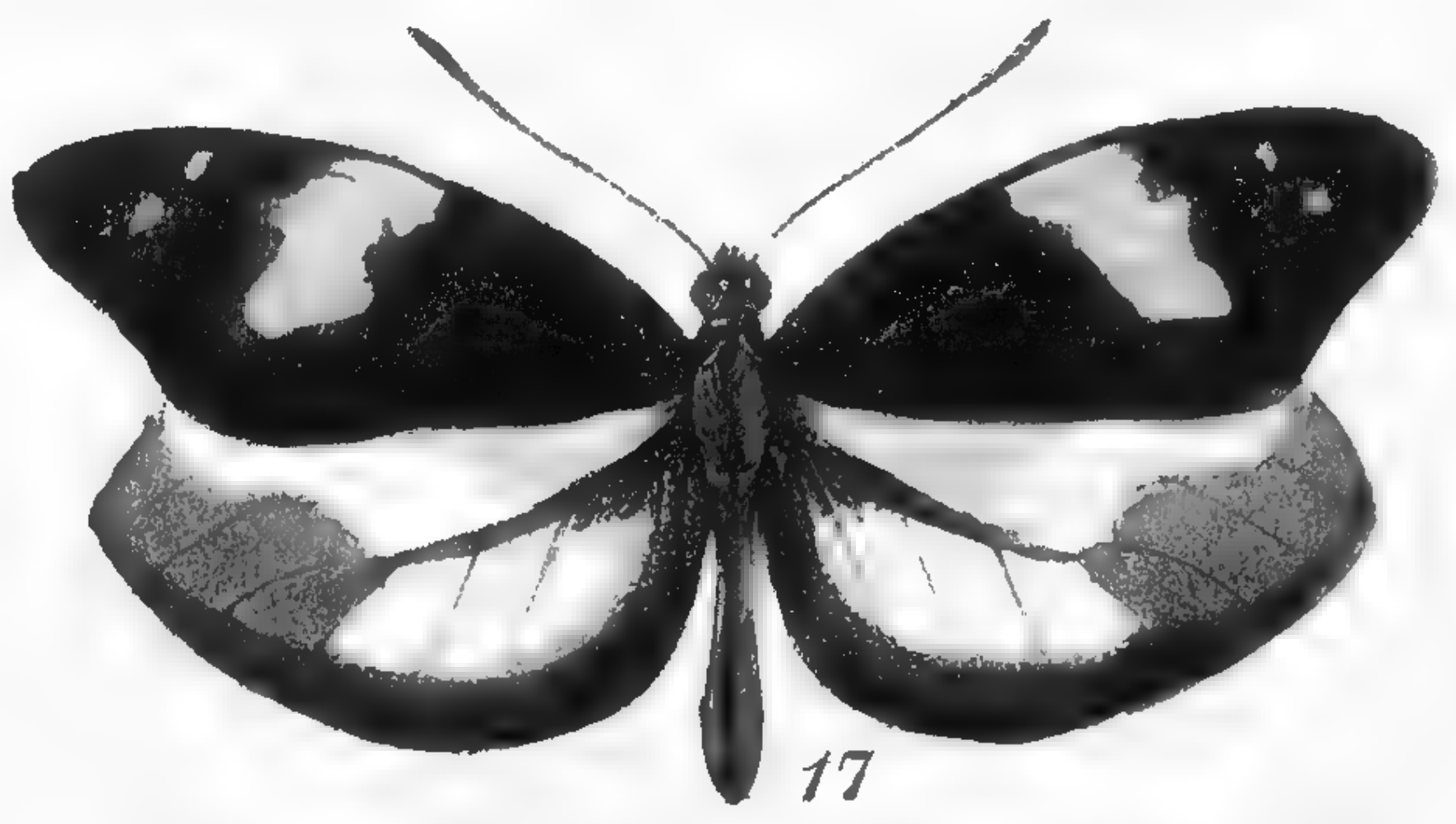
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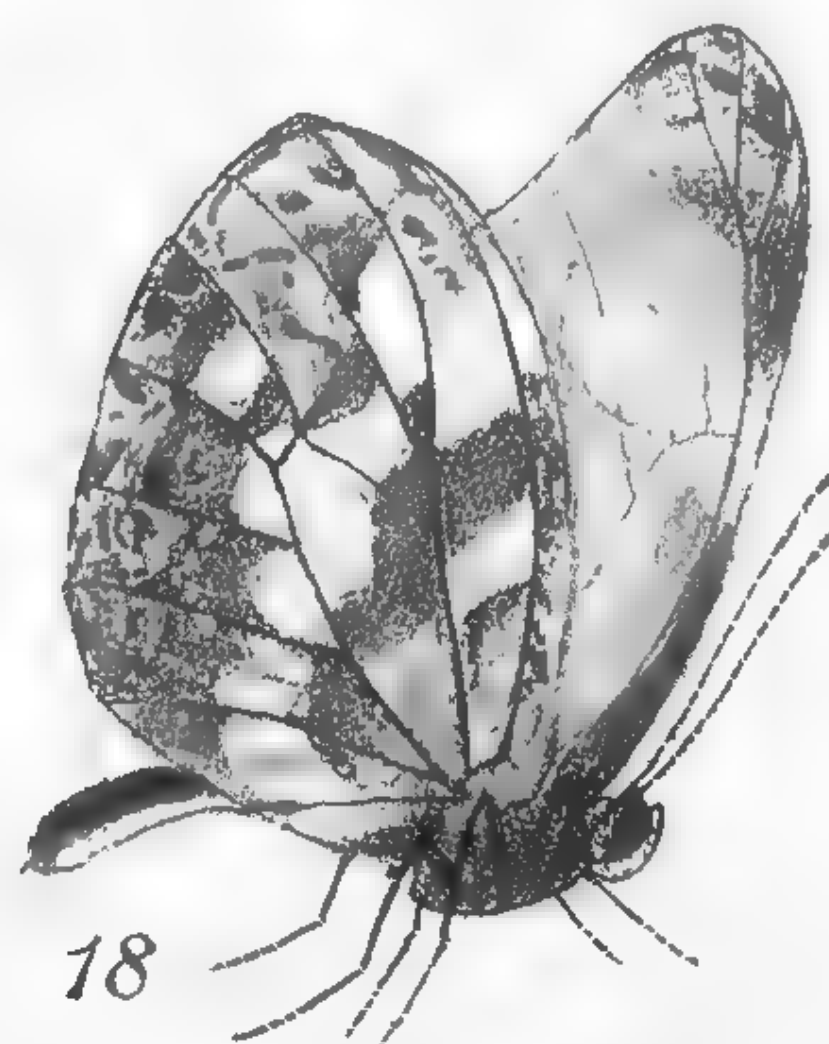
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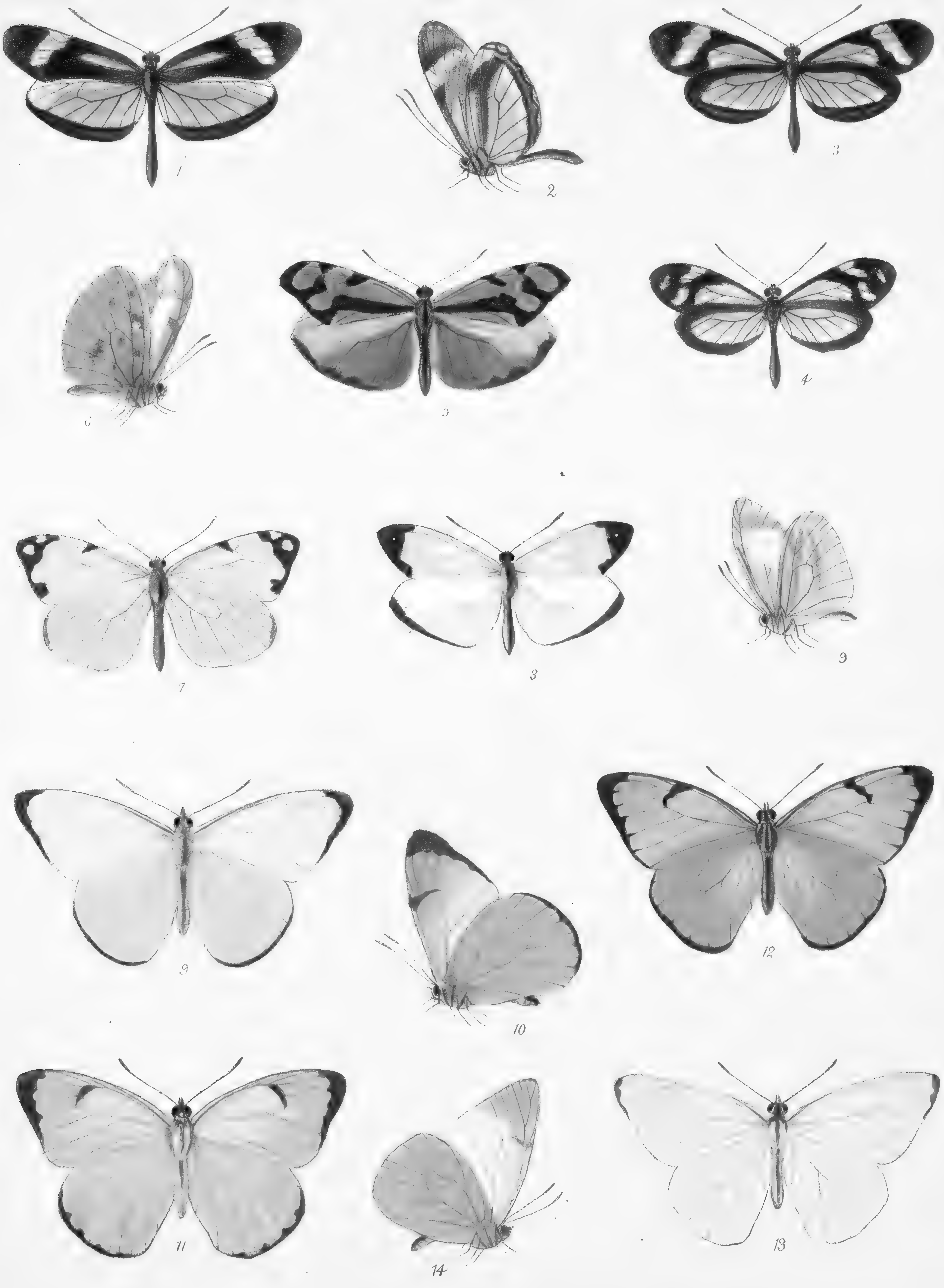
1,2 HESPEROCHARIS GRAPHITES.
3,4 " COSTARICENSIS.
5♂,6,7♀ LEPTALIS DEIONE.
8 " CINERASCENS.

9,10♂,11♀ LEPTALIS PALLIDULA.
12,13 " EURYOPE.
14,15♂,16♀ " VIRGO.
17,18 " OREAS.

R.H.F. Rippon del. et lith.

Hanhart imp. 87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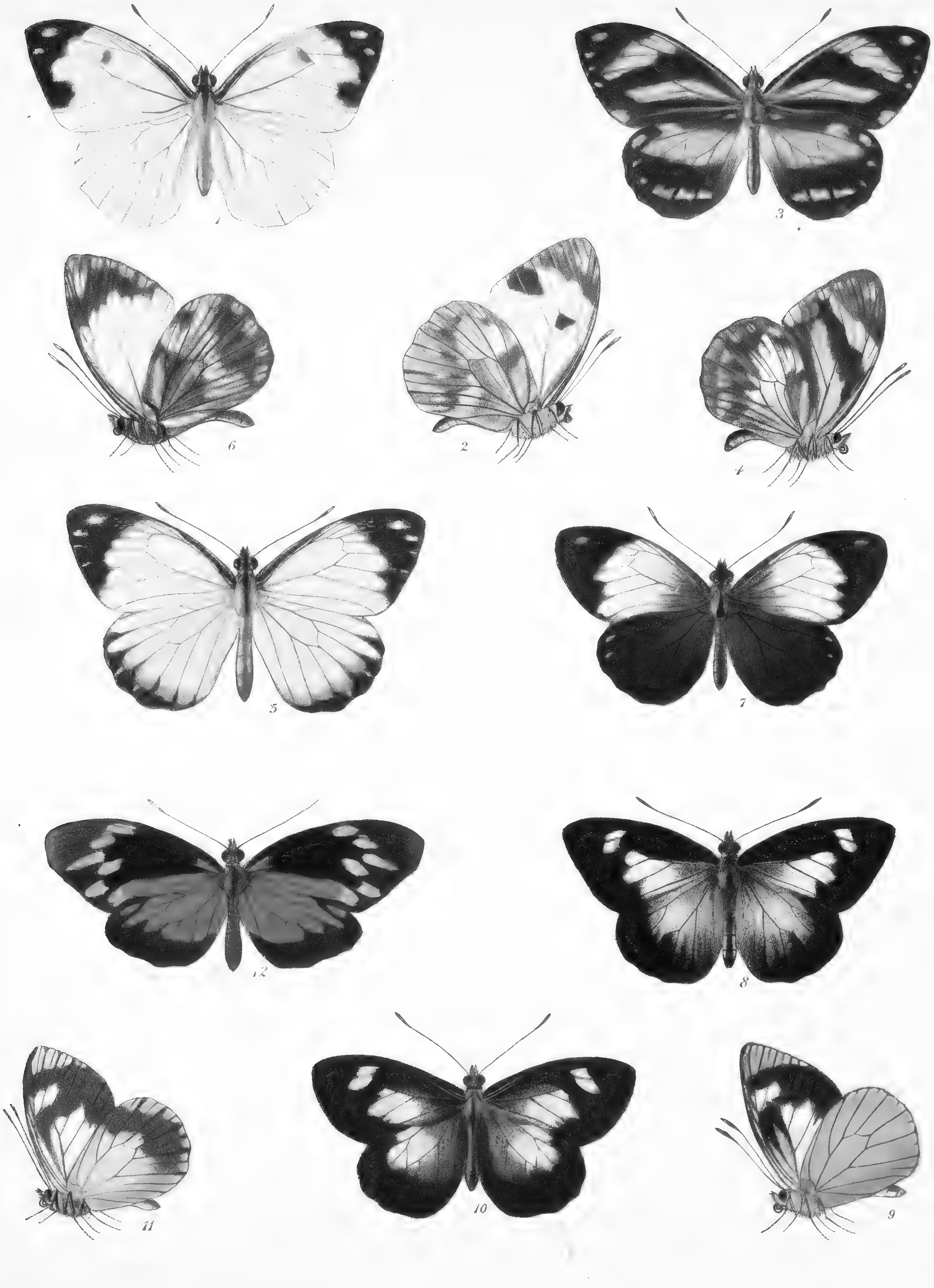
1 2♂, 3♀ LEPTALIS FORTUNATA. 8, 9. LEPTALIS MERCENARIA.
4. „ „ RIBBII. 9 10 ♂, 11♀. DAPTONURA PANAMENSIS.
5 6♂, 7♀ „ JETHYS. 12. „ FLORINDA.
13 14 DAPTONURA ISANDRA.

R.H.F. Rippon del et lith.
M & N. Hanhart, imp.
111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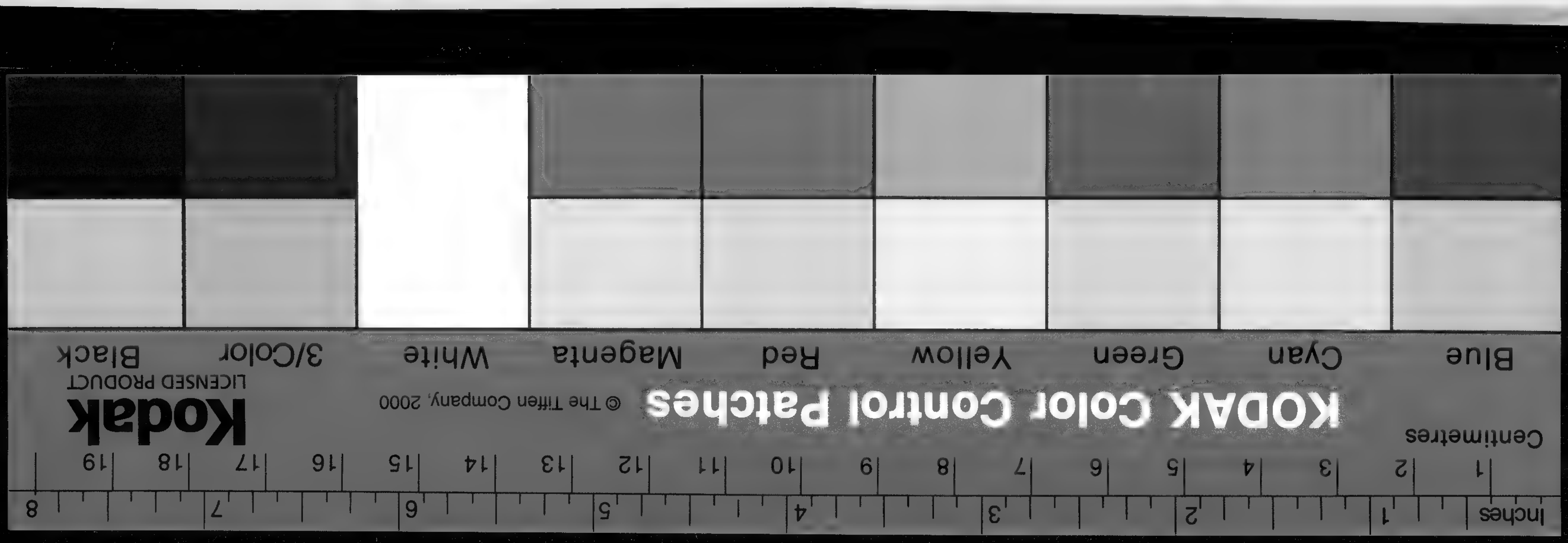
1, 2 ♂, 3, 4 ♀ PIERIS VIARDI. 8, 9 ♂, 10, 11 ♀ PIERIS TENUICORNIS
5, 6 ♂, 7 ♀ „ NOCTIPENNIS 12 ♀ „ ALETHINA

J.H.F.Rupp ad del. et lith. Hanhart imp. 98


Blue
Cyan
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Yellow
Red
Magenta
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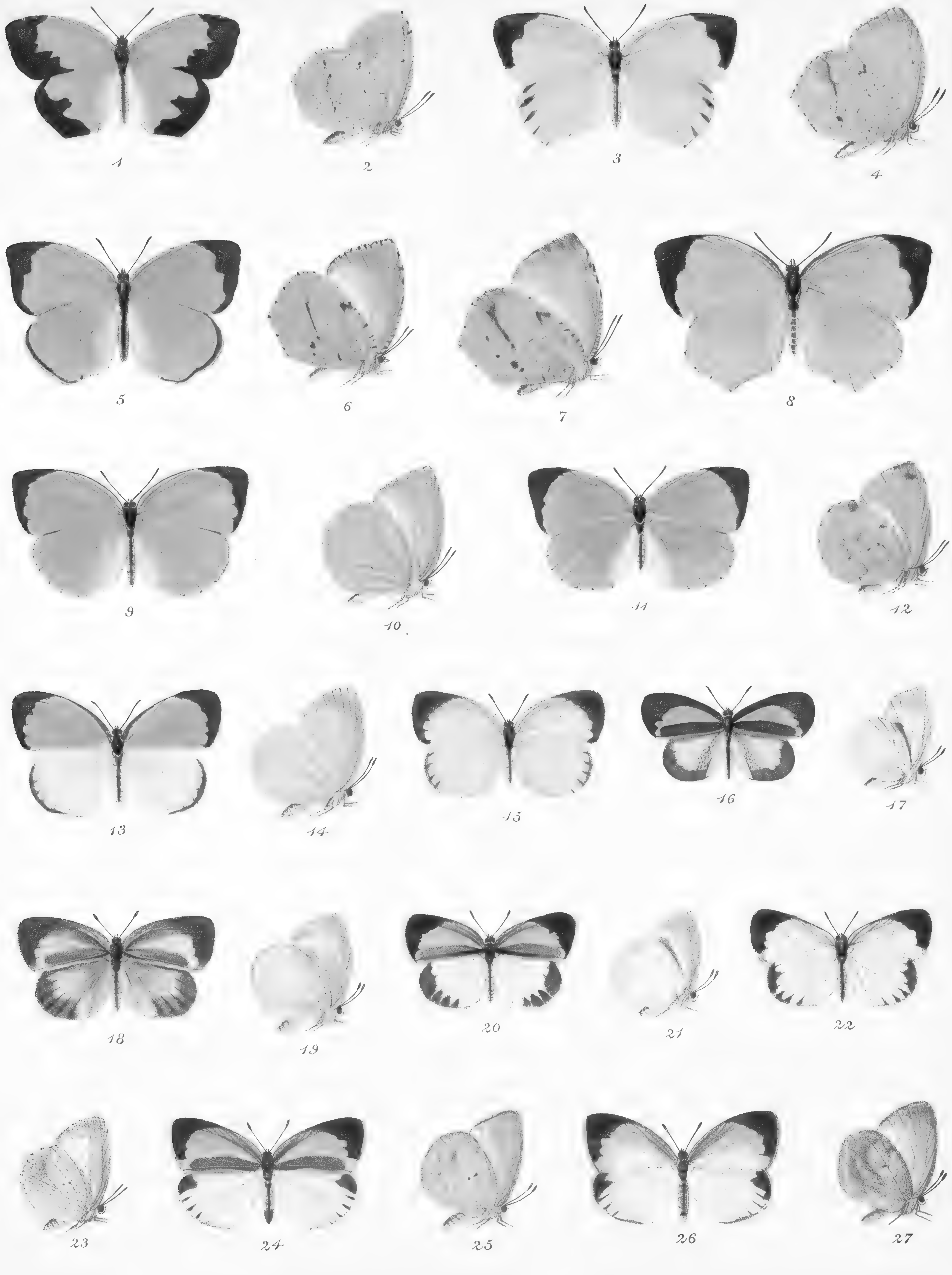
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
Inches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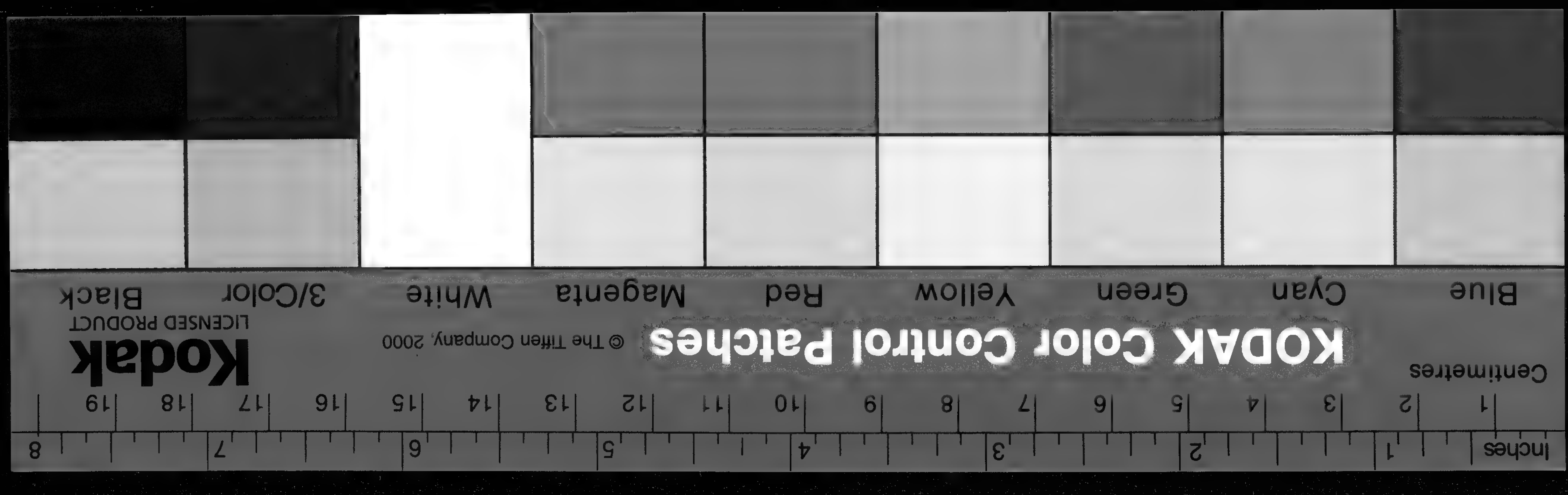
1, 2♂, 3, 4♀ TERIAS BOISDUVALIANA.
5, 6♂, 7, 8♀ „ XANTHOCHLORA.
9, 10♂, 11, 12♀ „ ATHALIA.

13, 14♂, 15♀ TERIAS LIMBIA.
16, 17♂, 18, 19♀ „ SIDONIA.
20, 21♂, 22, 23♀ „ LYDIA.

24, 25♂, 26, 27♀ TERIAS PERSISTENS.

W. Purkiss lith.

Hanhart imp.
528.


KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue
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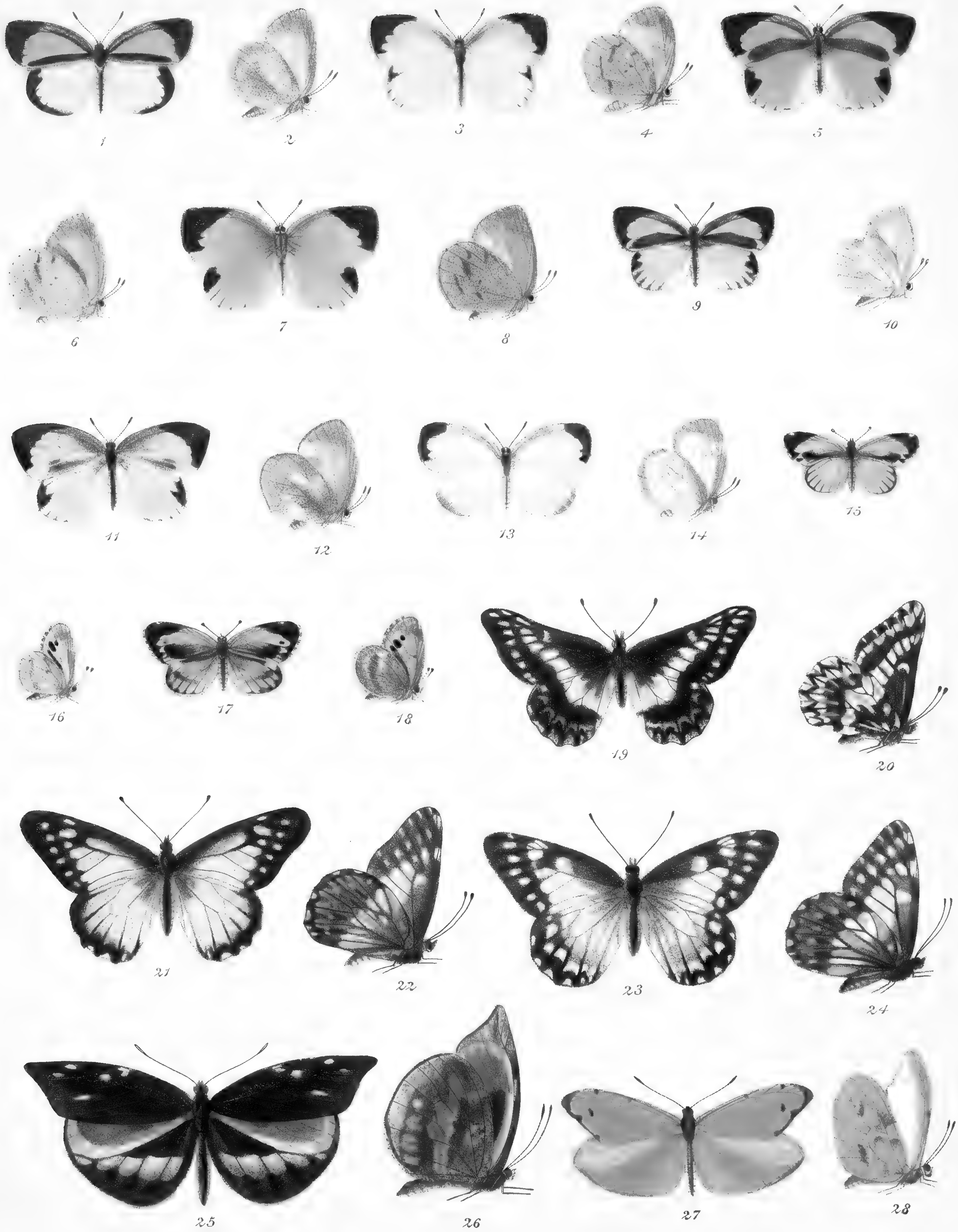
3/Color
Black
Centimetres
Inches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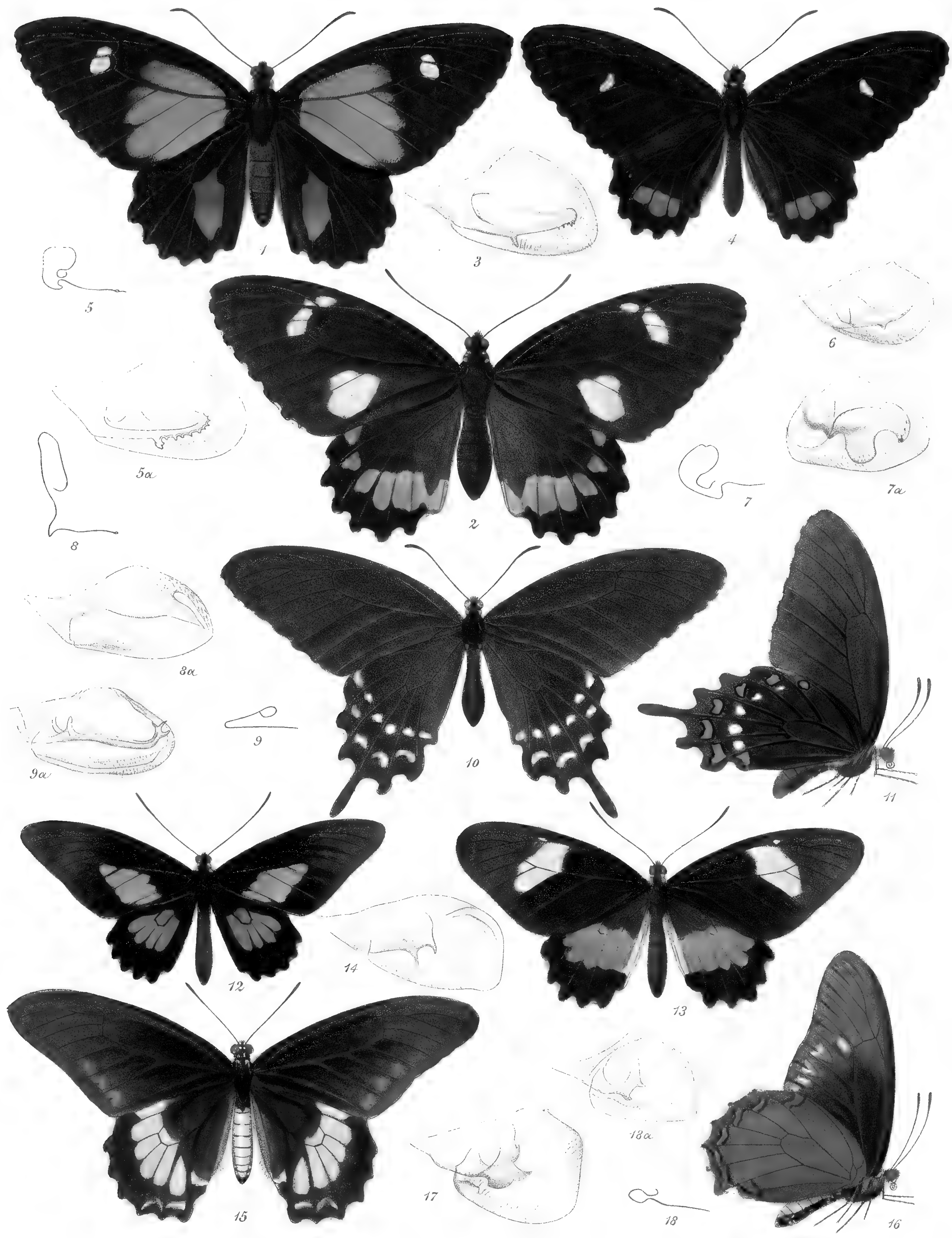
1, 2♂, 3, 4♀ TERIAS VITELLINA.
5, 6♂, 7, 8♀ „ CEPIO.
9, 10♂, 11, 12♀ „ JUCUNDA.
13, 14♂ „ MANA.

15, 16♂, 17, 18♀ NATHALIS IOLE.
19, 20♀ CATASTICTA CERBERUS.
21, 22♂, 23, 24♀ „ HEGEMON.
25, 26♂ ACMEOPTERON LALA.

27, 28♂ ENANTIA ALBANIA.

W. Purkiss lith.

Hanhart imp.
532.



1, 3♂, 2♀ PAPILIO CHILDRENÆ.
4 ♂ " SADYATTES.
5, 5a ♂ " IPHIDAMAS.
6 ♂ " POLYZELUS.

7, 7a ♂ PAPILIO PHOTINUS.
8, 8a ♂ " MONTEZUMA.
9, 9a ♂ " MYLOTES.
10, 11 ♀ " ALOPIUS.
12, 13 ♀ " MYCALE.

14 ♂ PAPILIO POLYDAMAS.
15, 16 ♂ " PROCAS.
17 ♂ " LYCIDAS.
18, 18a ♂ " PHILENOR.

W. Purkiss lith.
Hanhart imp.
549

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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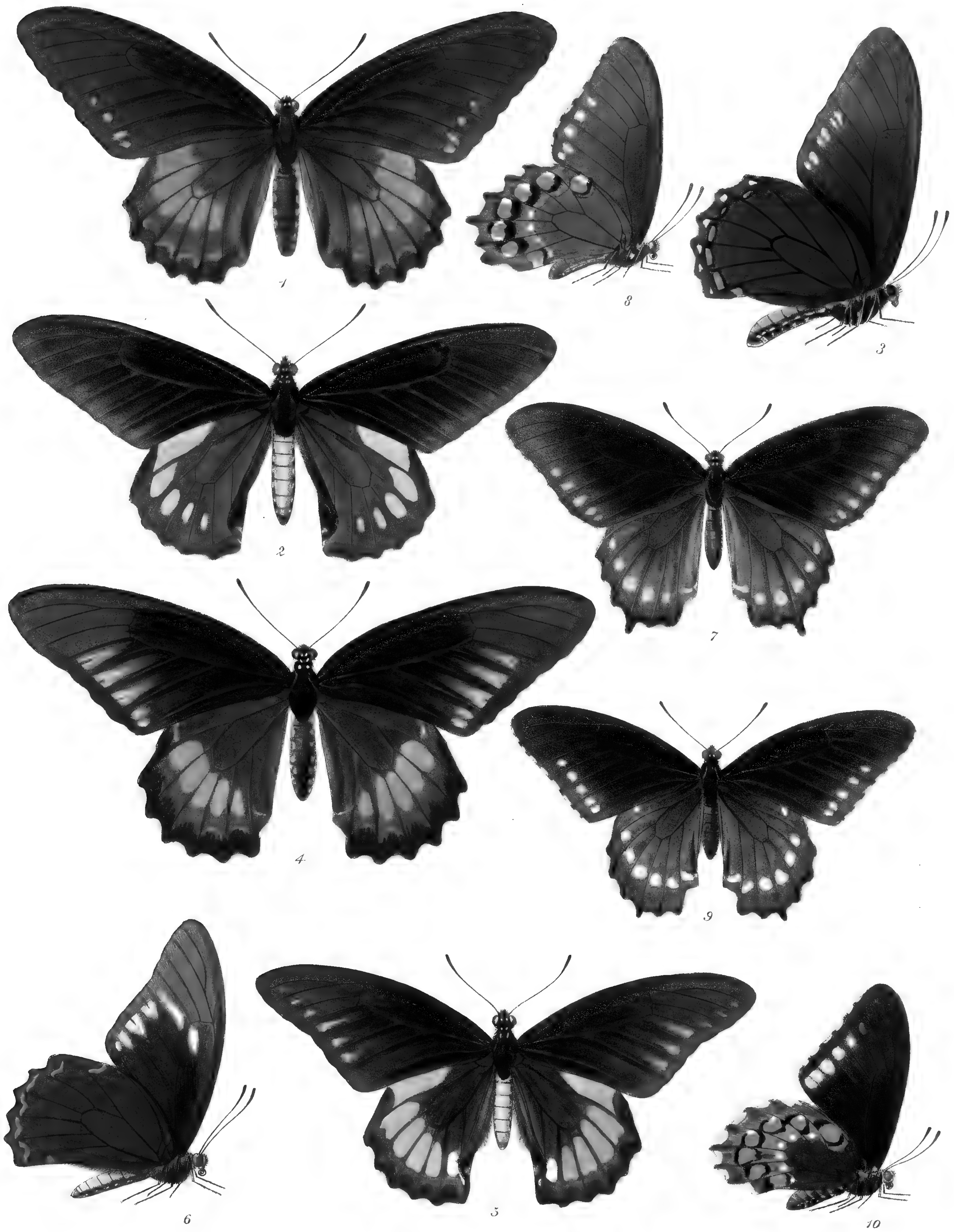
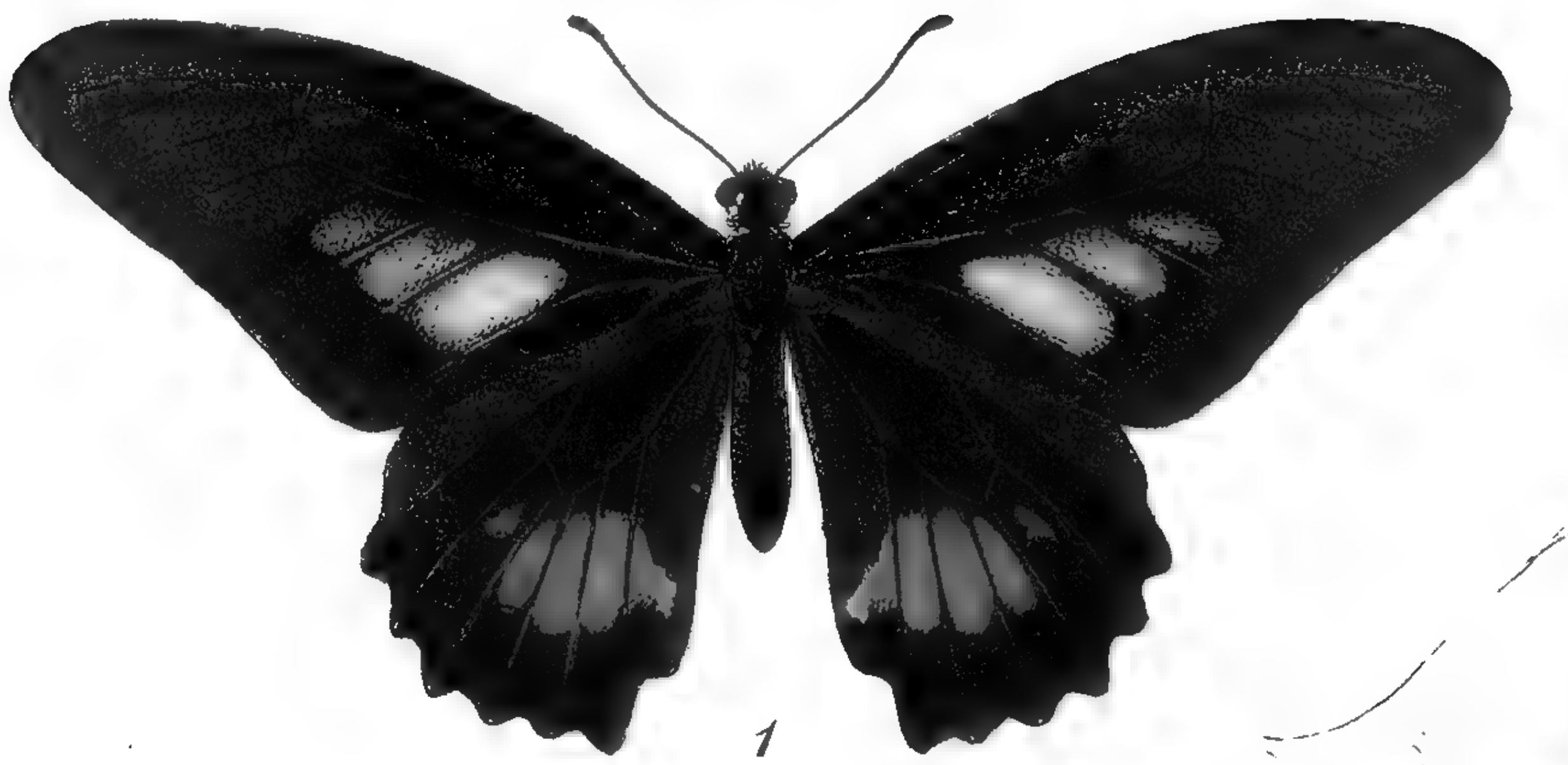


1♀, 2, 3♂ PAPILIO NUMITOR.

4♀, 5, 6♂ PAPILIO COPANÆ.
7, 8♂ „ CORBIS.

9, 10♂ PAPILIO ORSUA.

W. Purkiss lith.
Hanhart imp.
550.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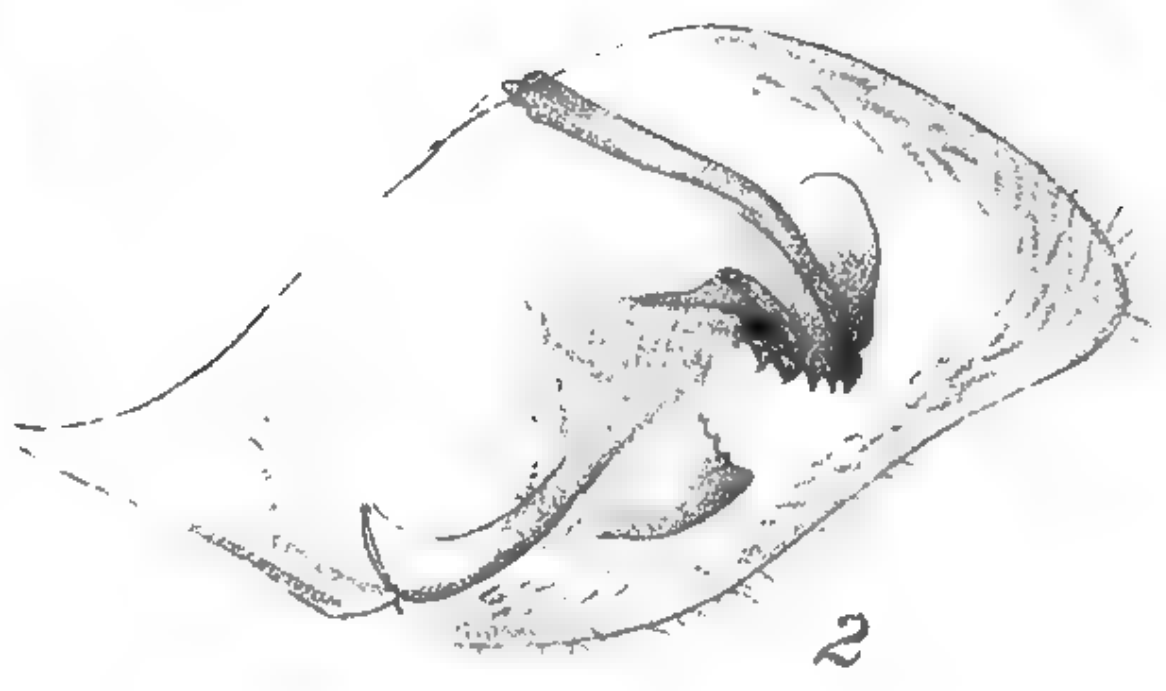
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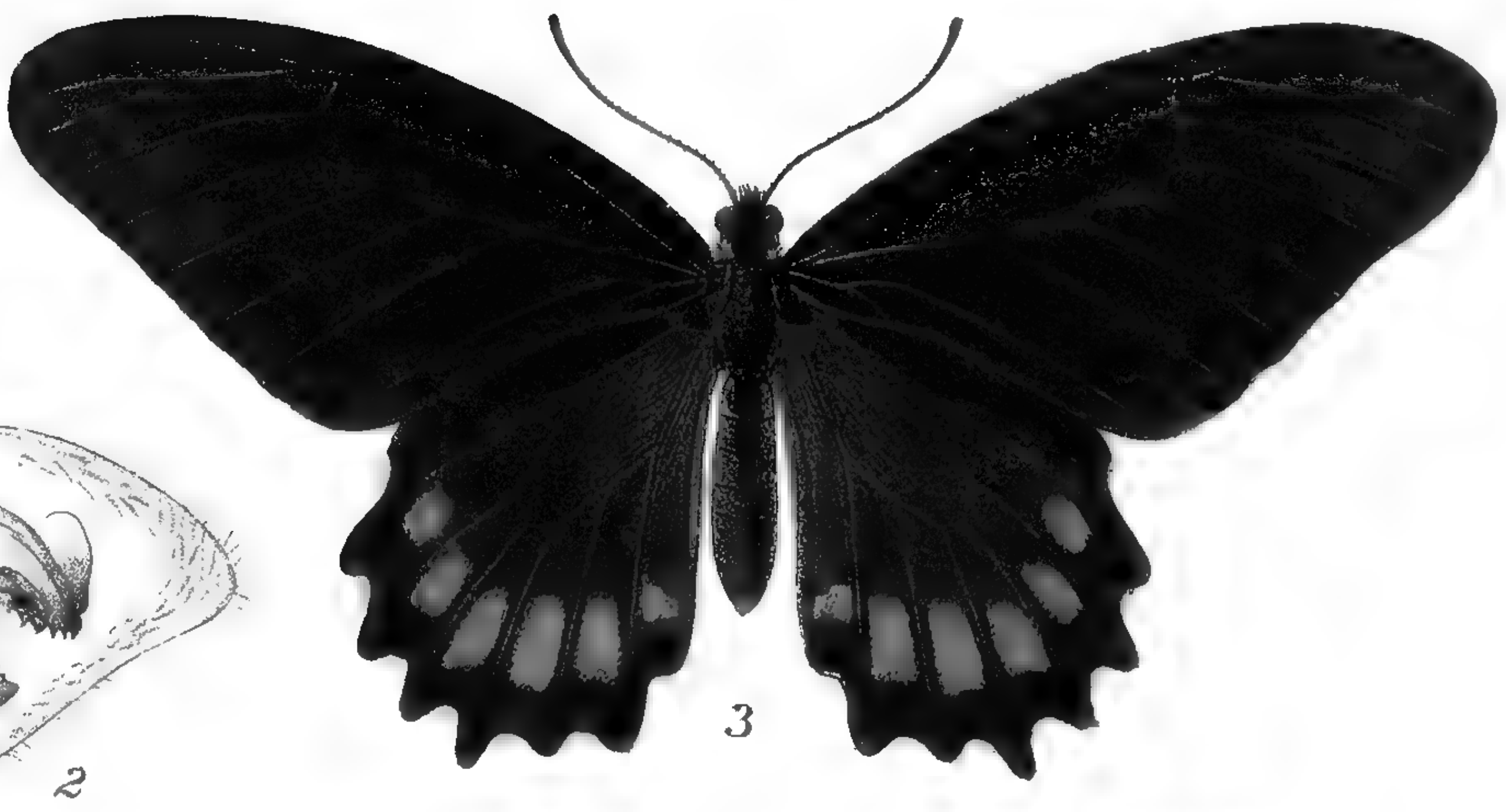
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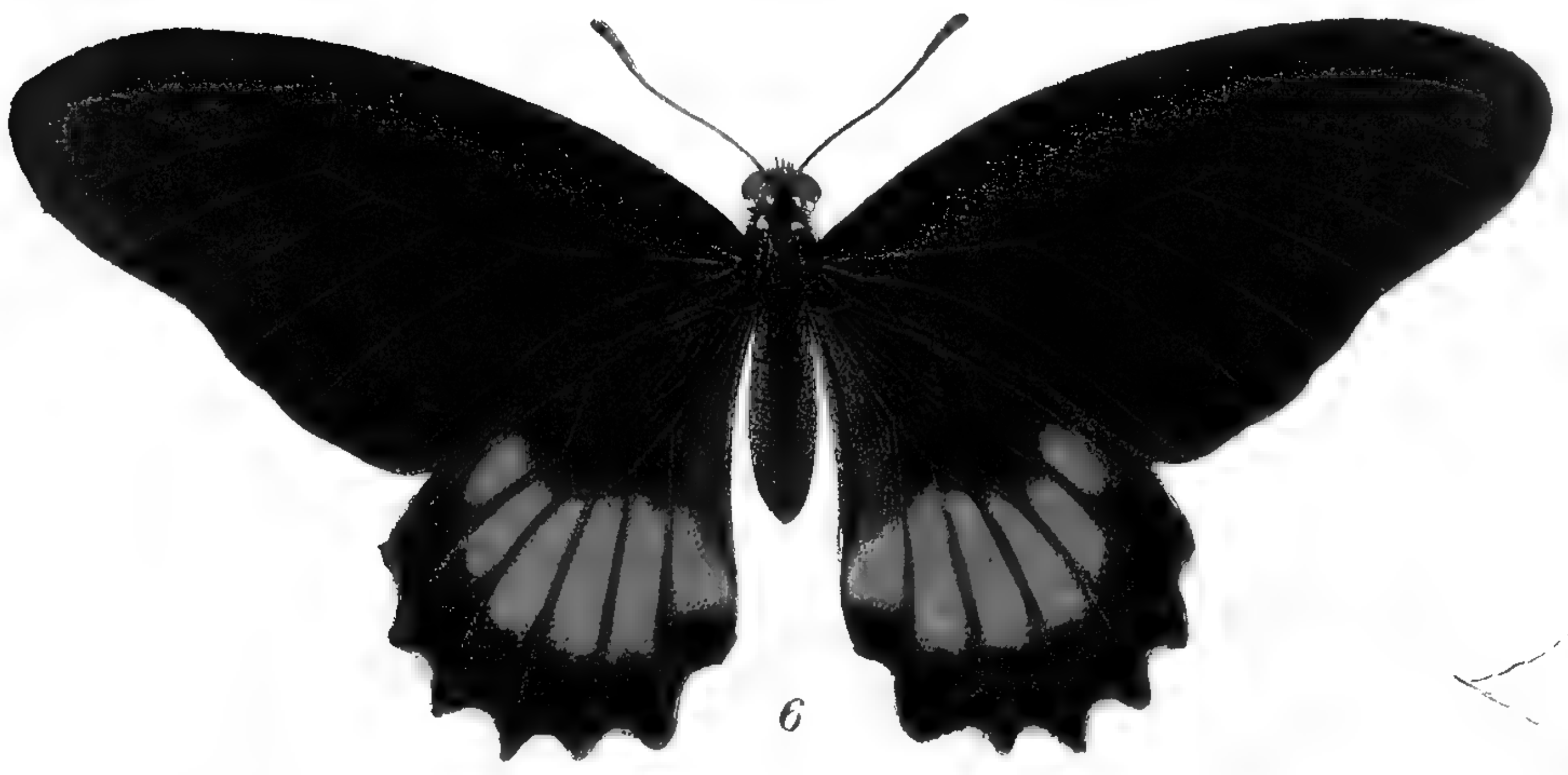
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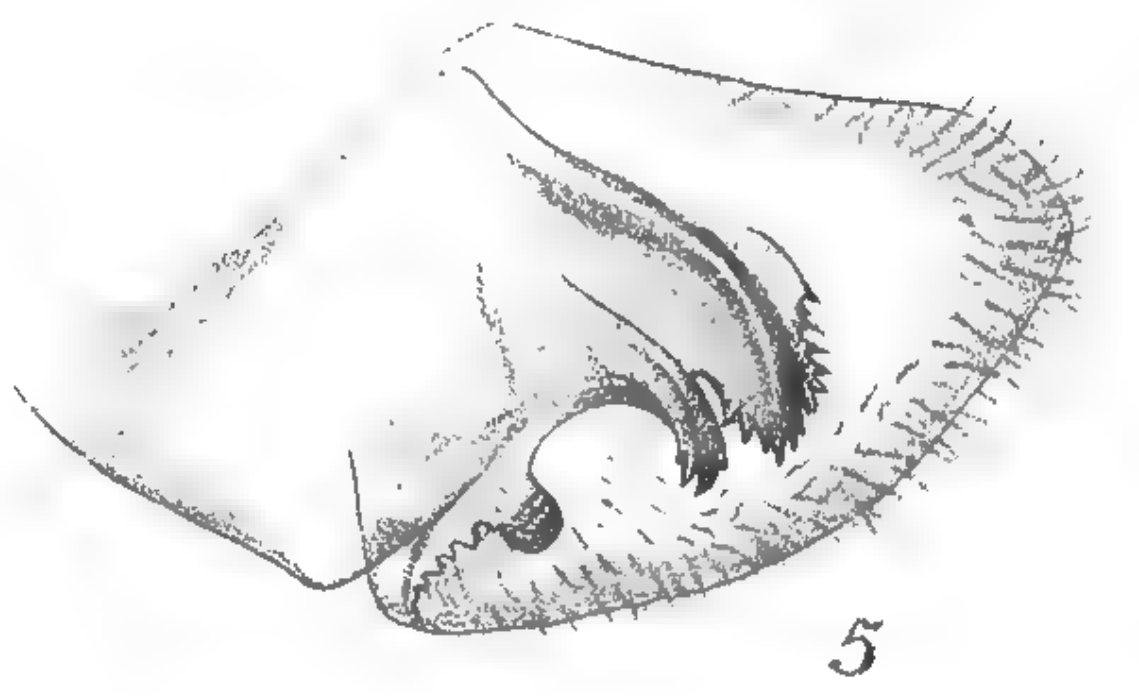
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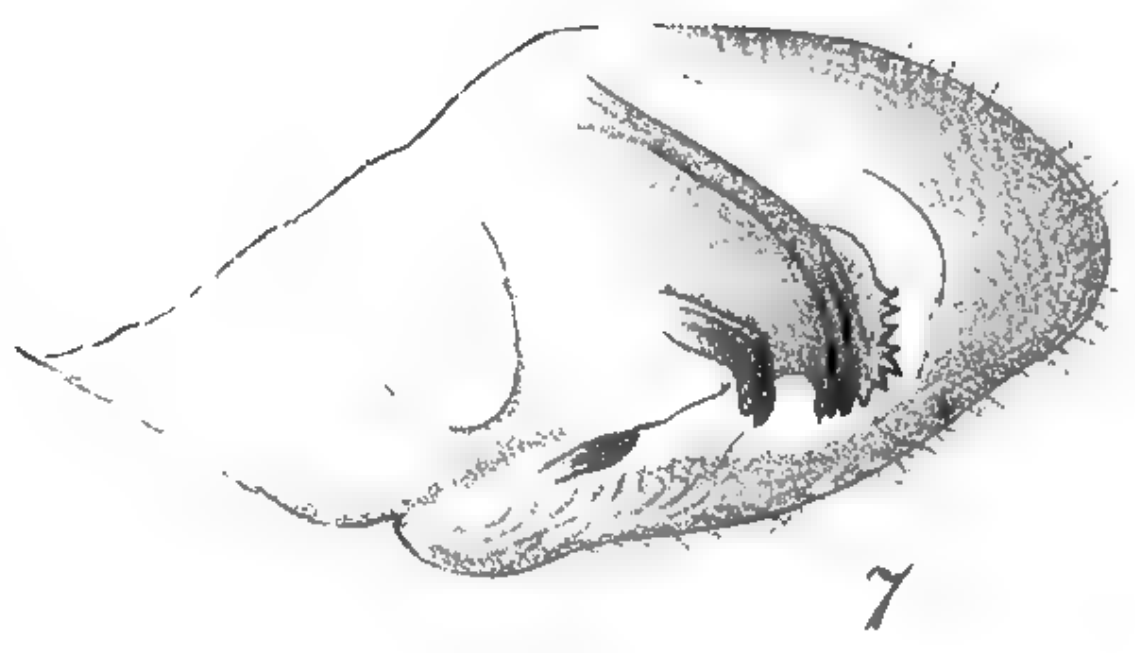
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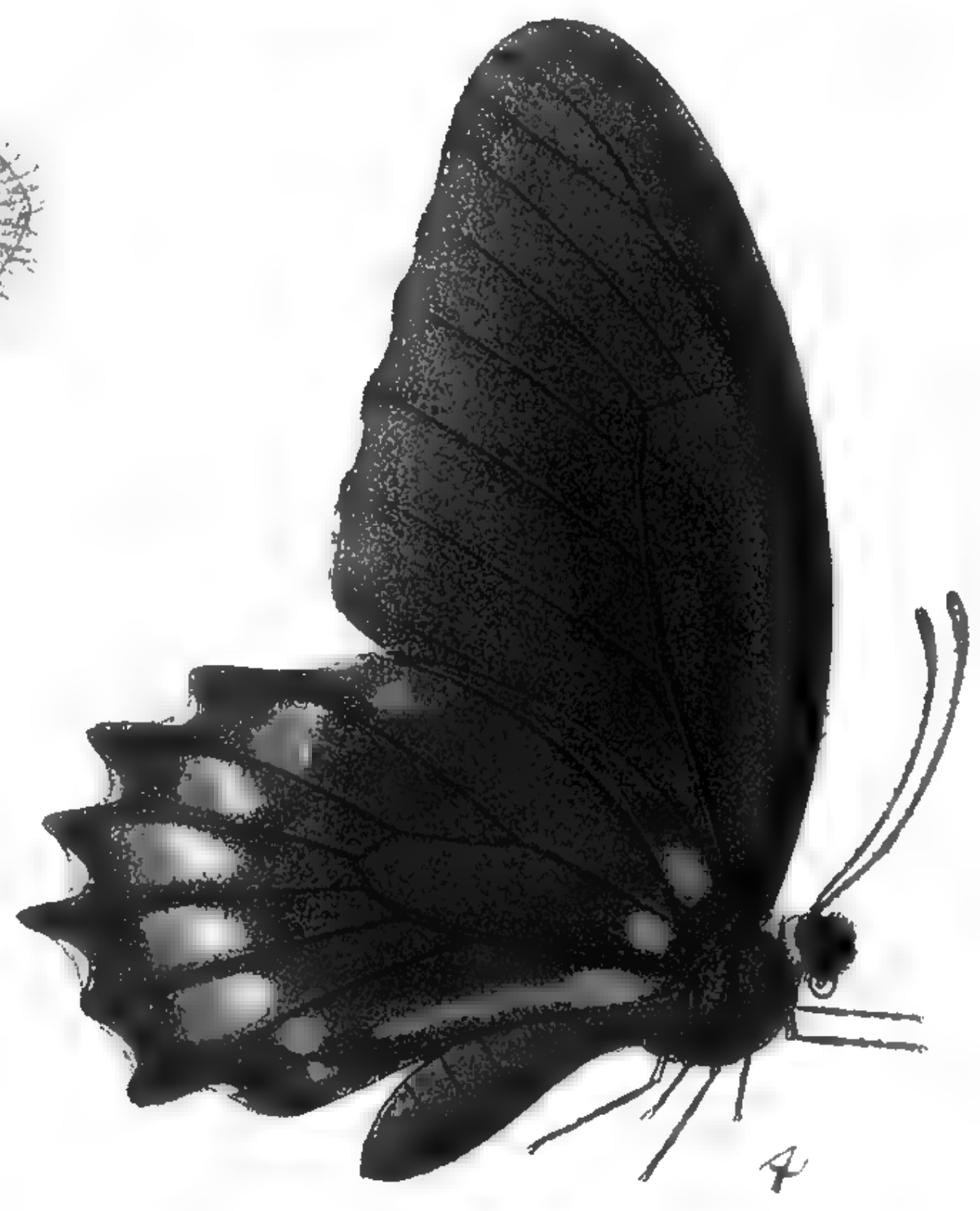
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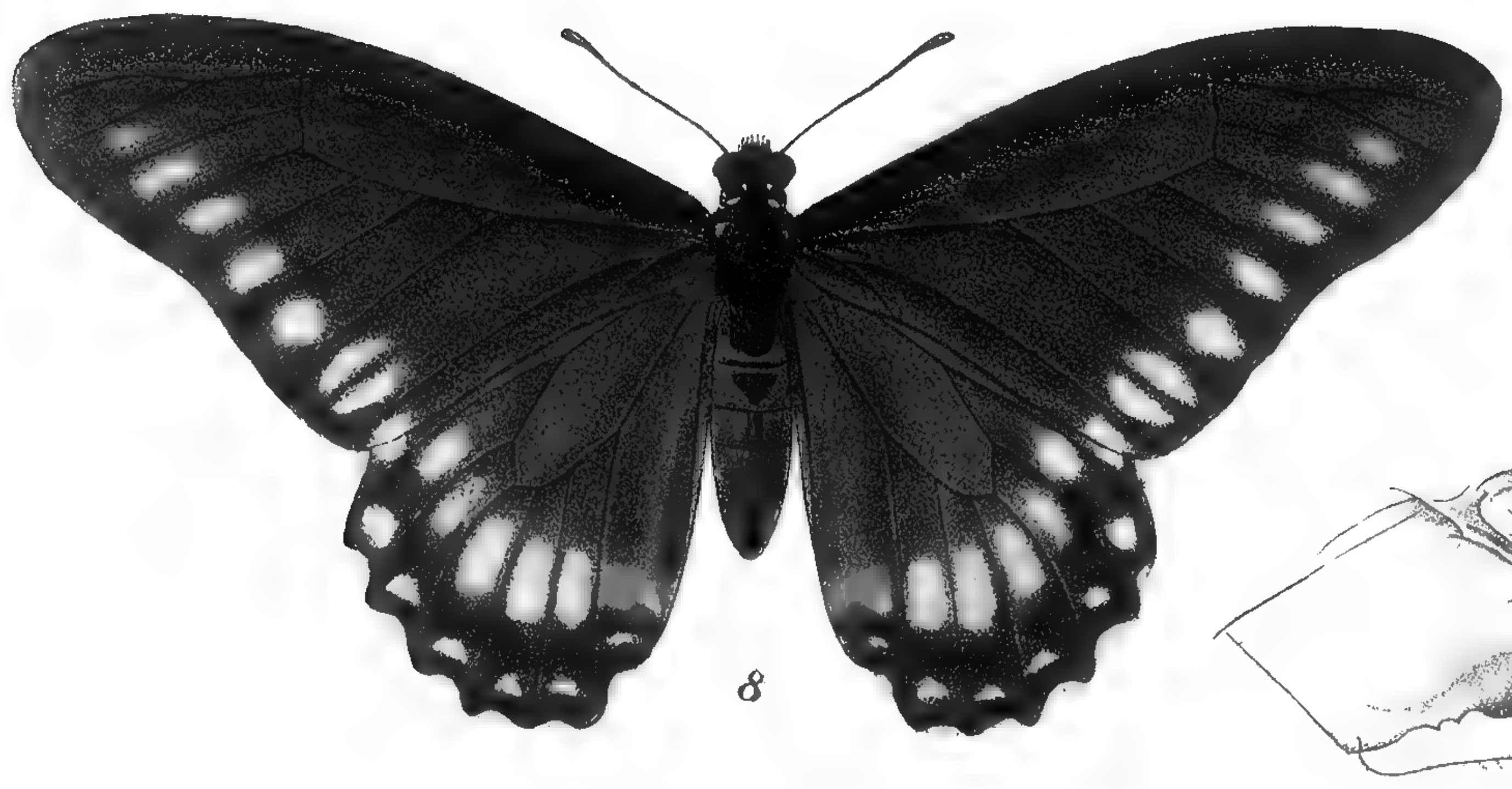
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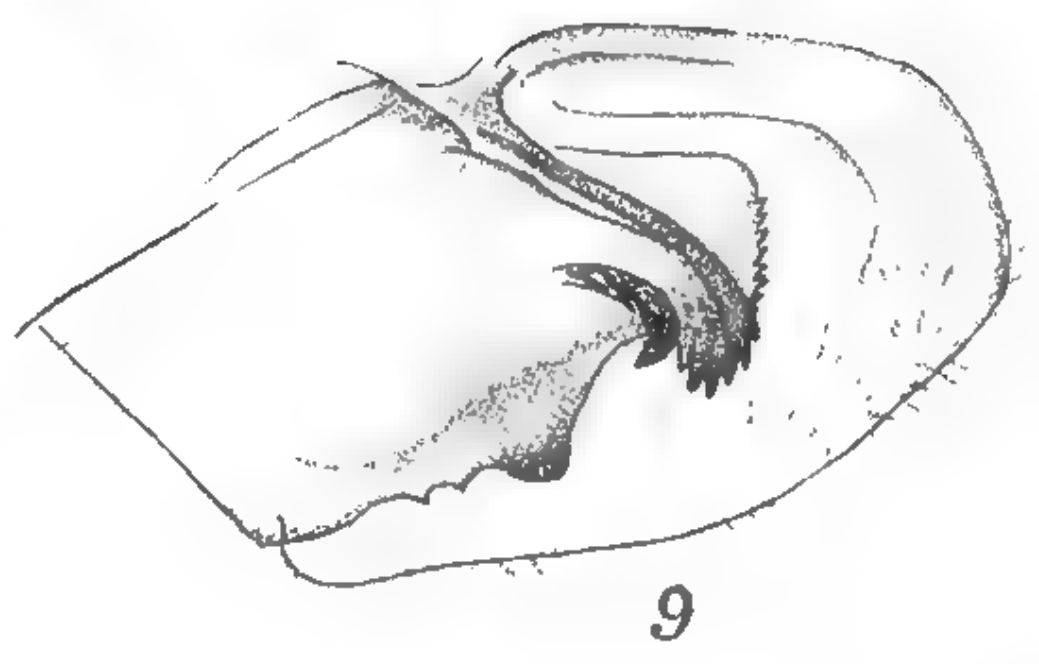
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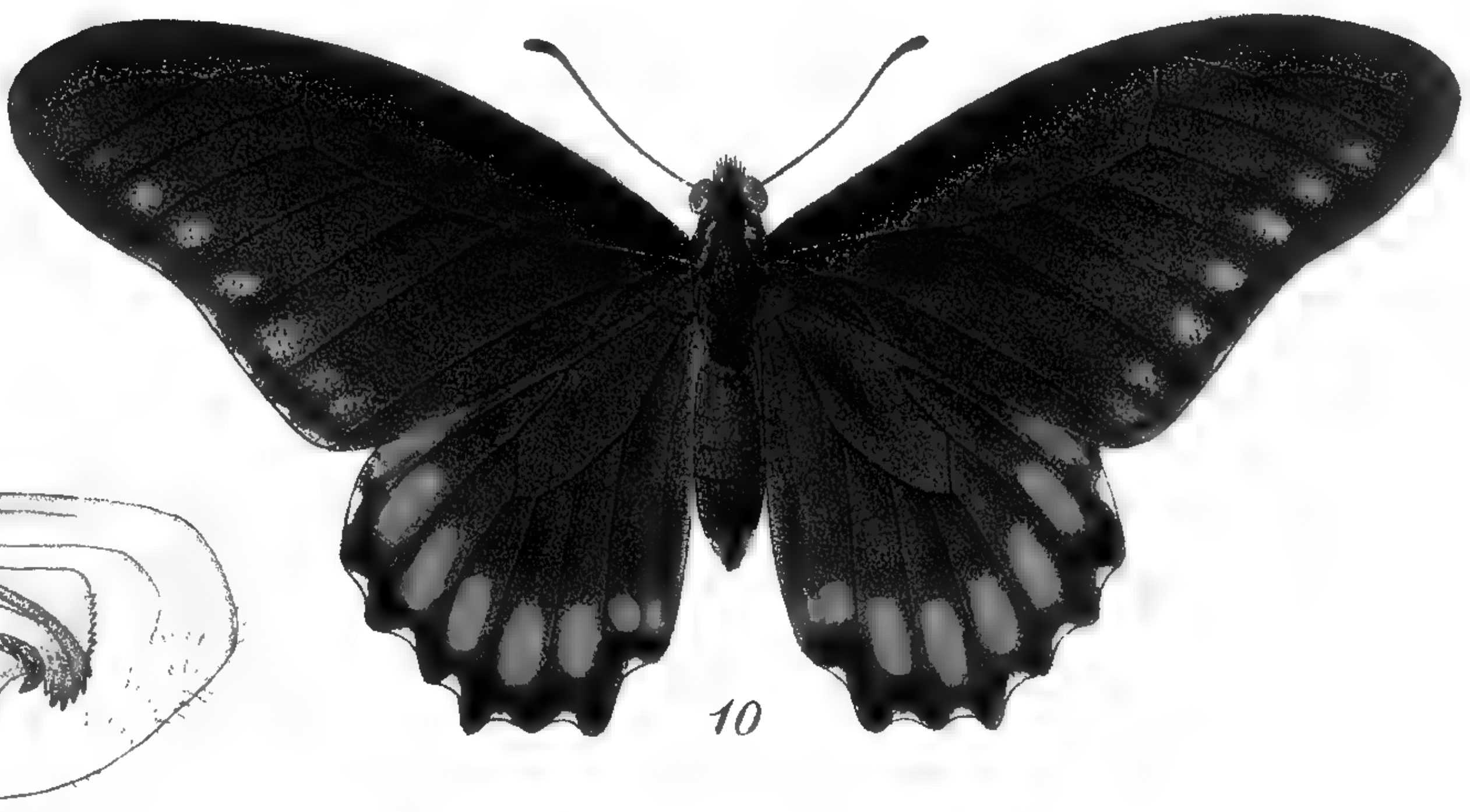
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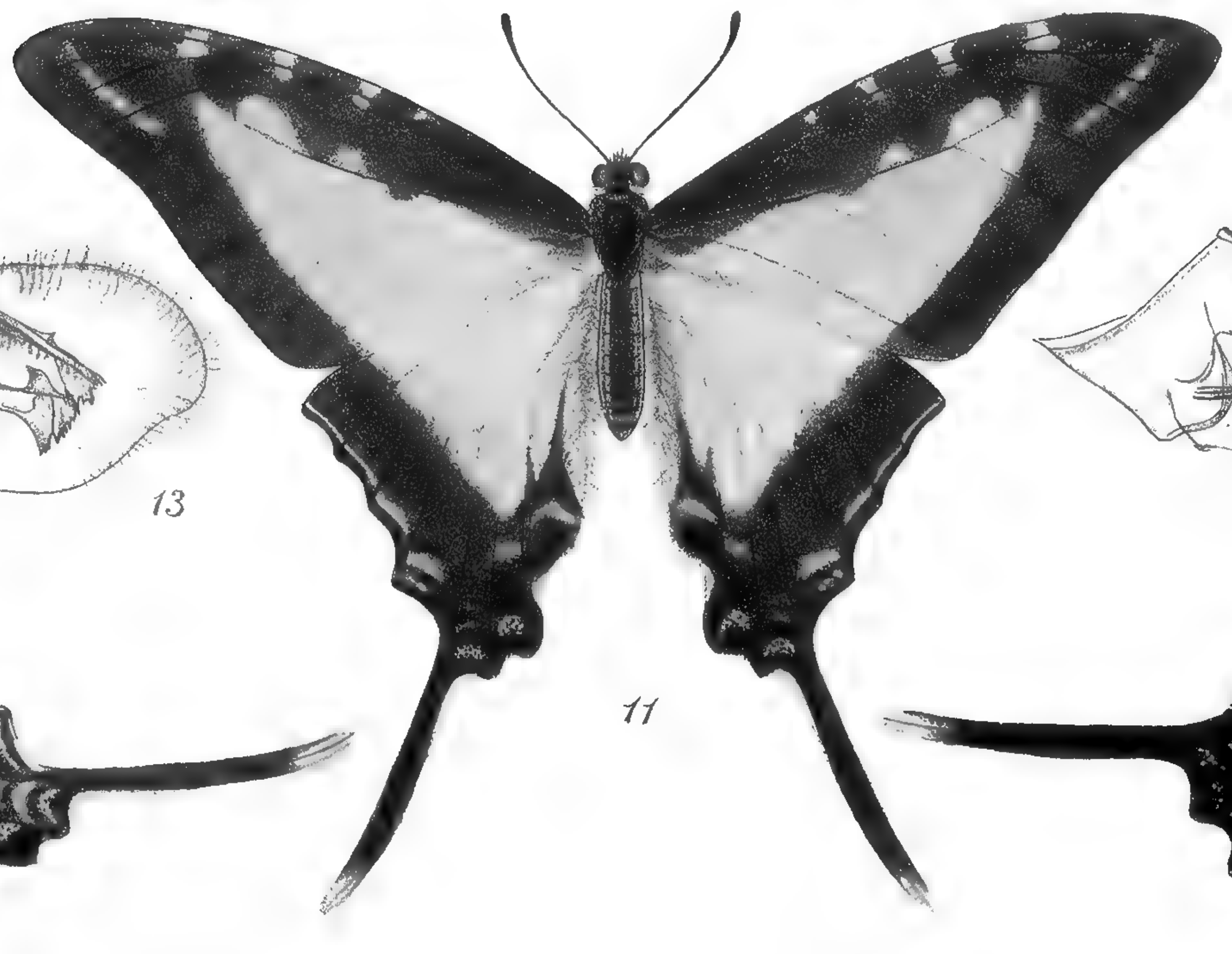
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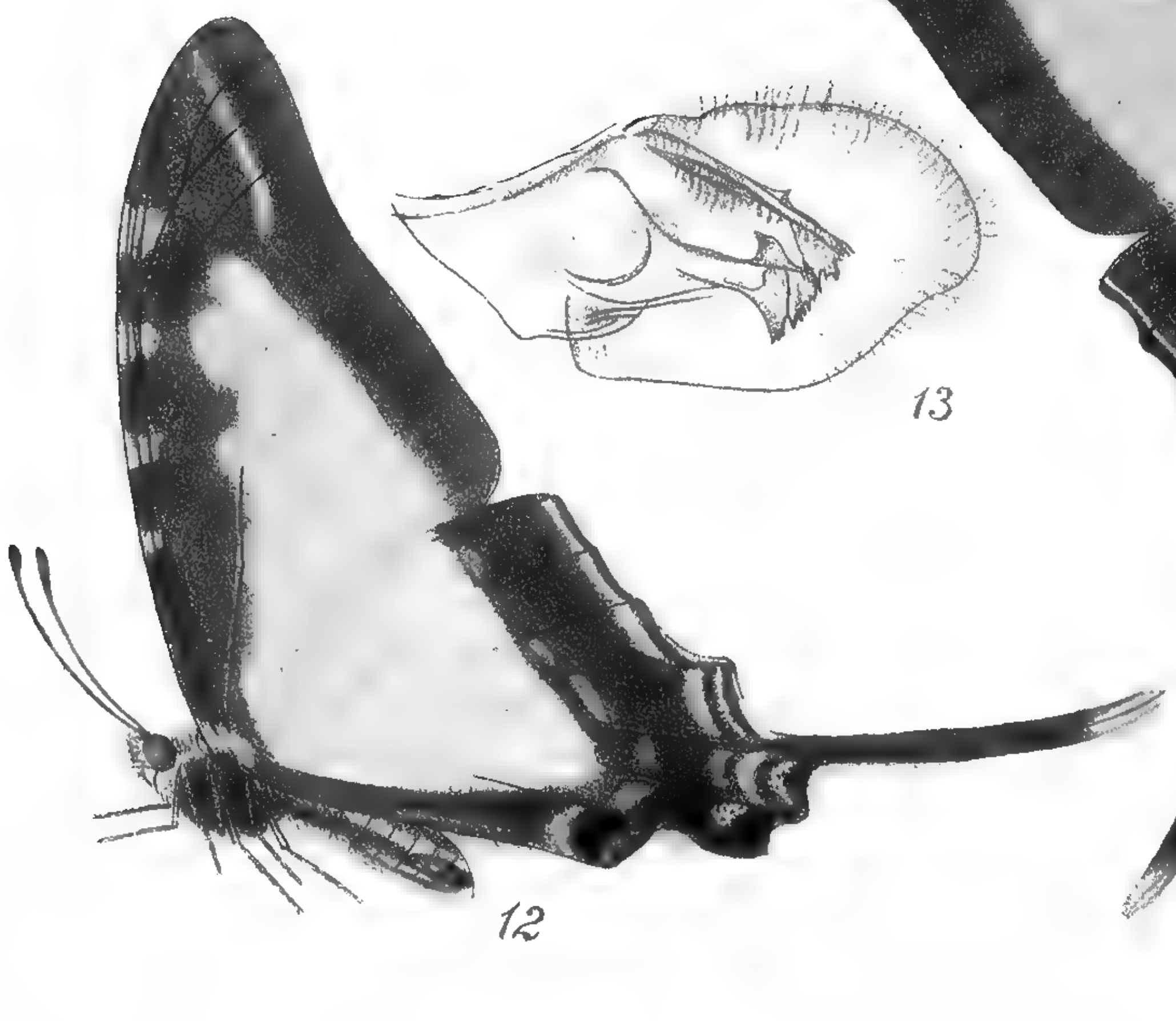
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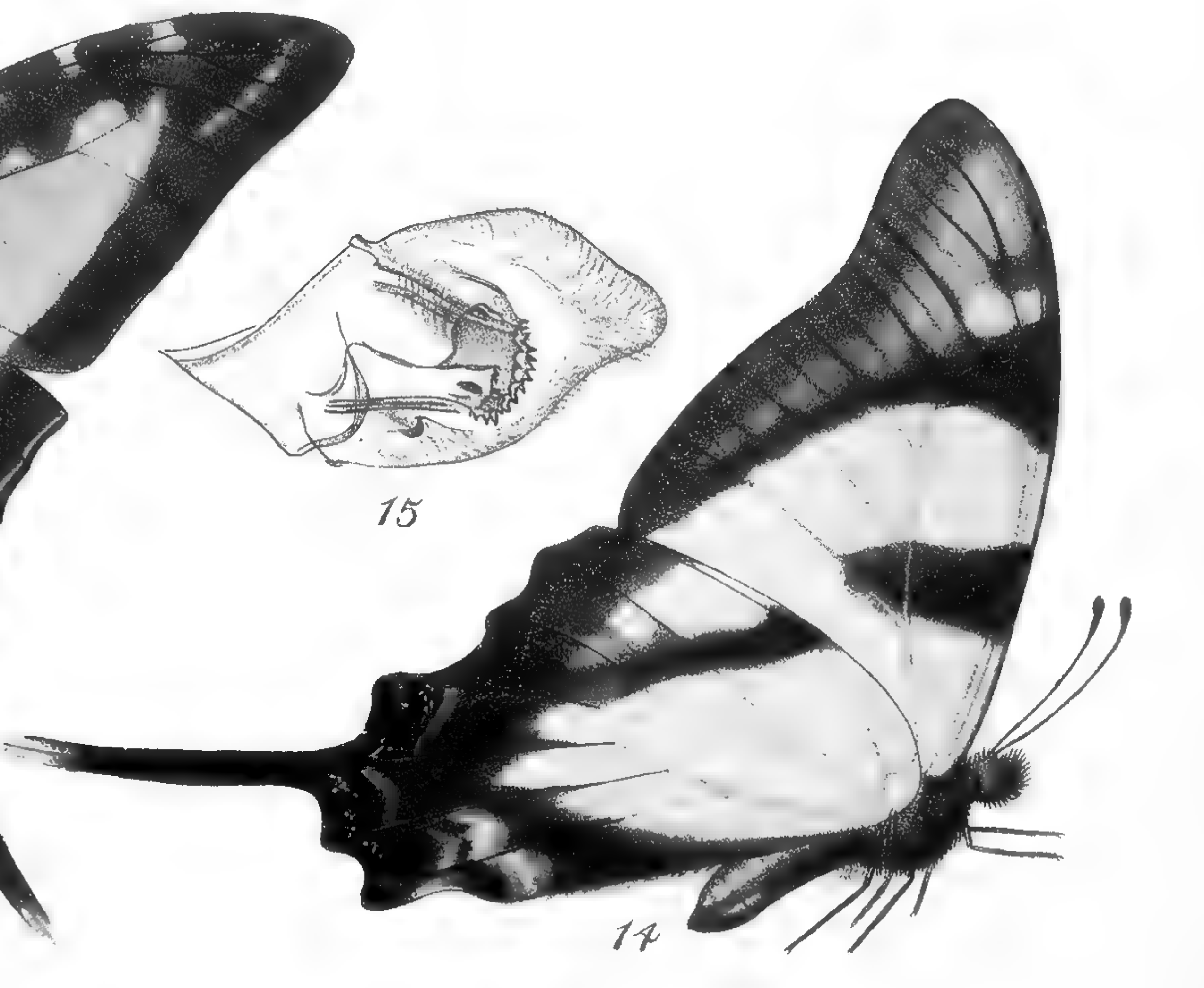
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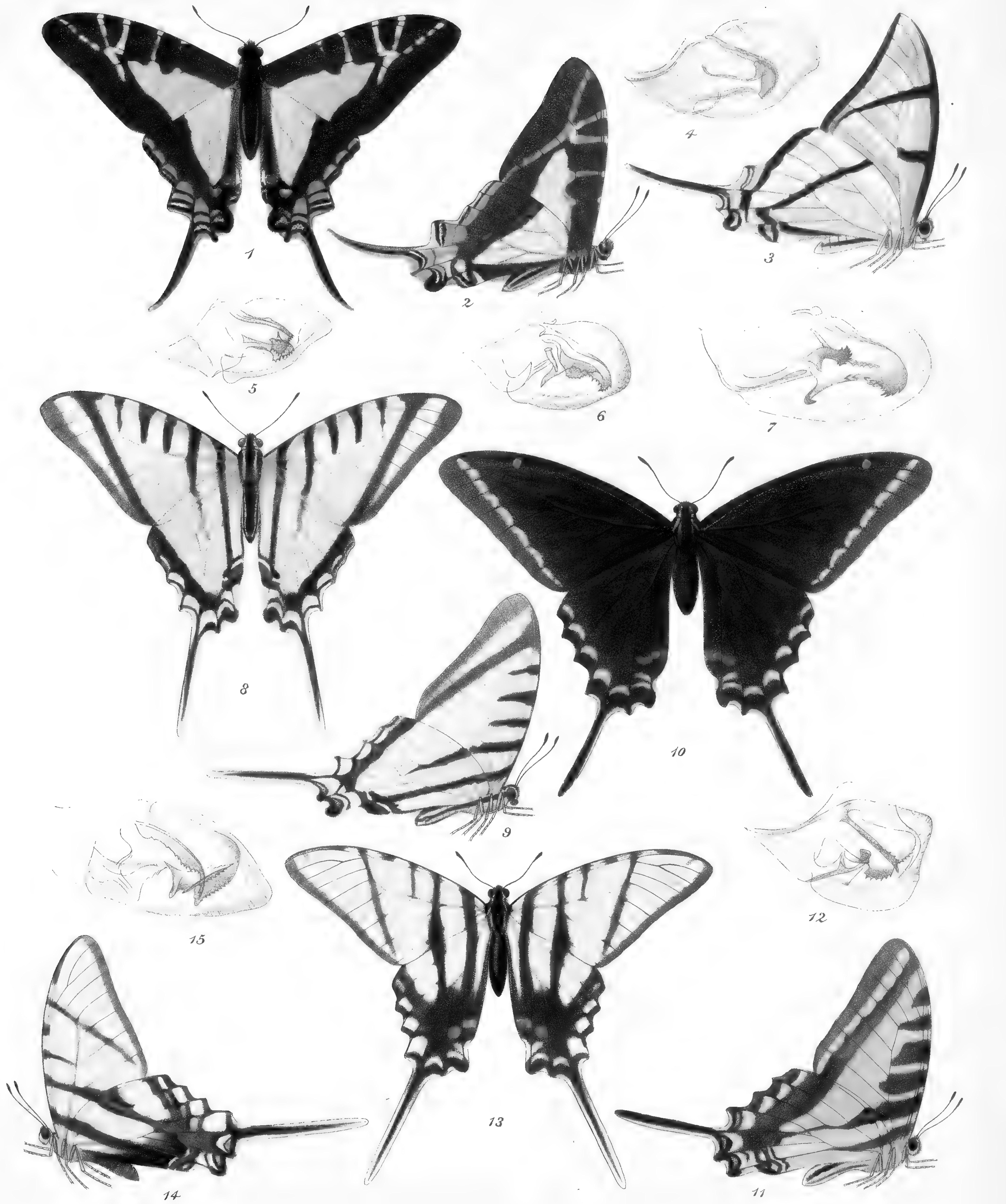
1♂ PAPILIO GUACO.
2♂ " THYMBRÆUS.
3,4,5♂ " BELESIS.

6♂ PAPILIO BELEPHANTES.
7♂ " BRANCHUS.
8♂ " PHARAX.
9♂ " PHAON.

10♂ PAPILIO ERIDAMAS.
11,12,13♂ " LACANDONES.
14,15♂ " ORABILIS.

W. Purkiss lith. Hanhart imp.
551

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres Inches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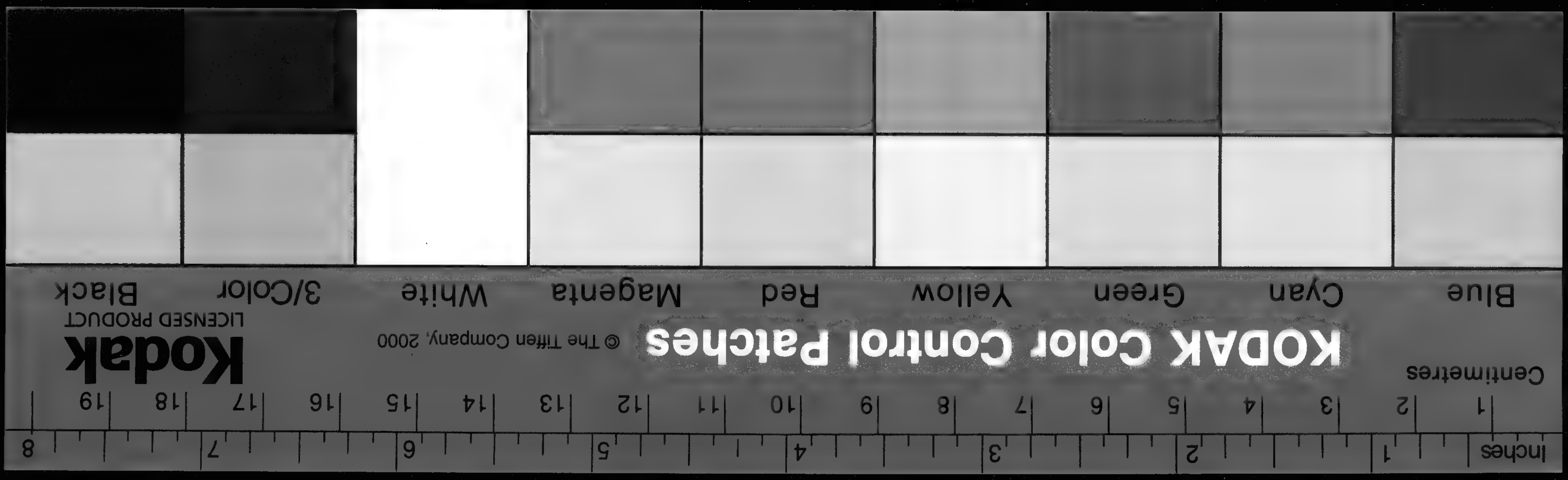
1, 2♂ PAPILIO CALLISTE.
3, 4♂ " SALVINI.
5♂ " MARCHANDI.

6♂ PAPILIO PROTESILAUS.
7♂ " PENTHESILAUS.
8, 9♂ " NEOSILAUS.
10♀, 11♂ " XANTICLES.

12♂ PAPILIO PHILOLAUS.
13, 14♂ " FENOCHIONIS.
15♂ " EPIDAUS.

W. Purkiss lith.
Hanhart imp
553.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KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Centimetres
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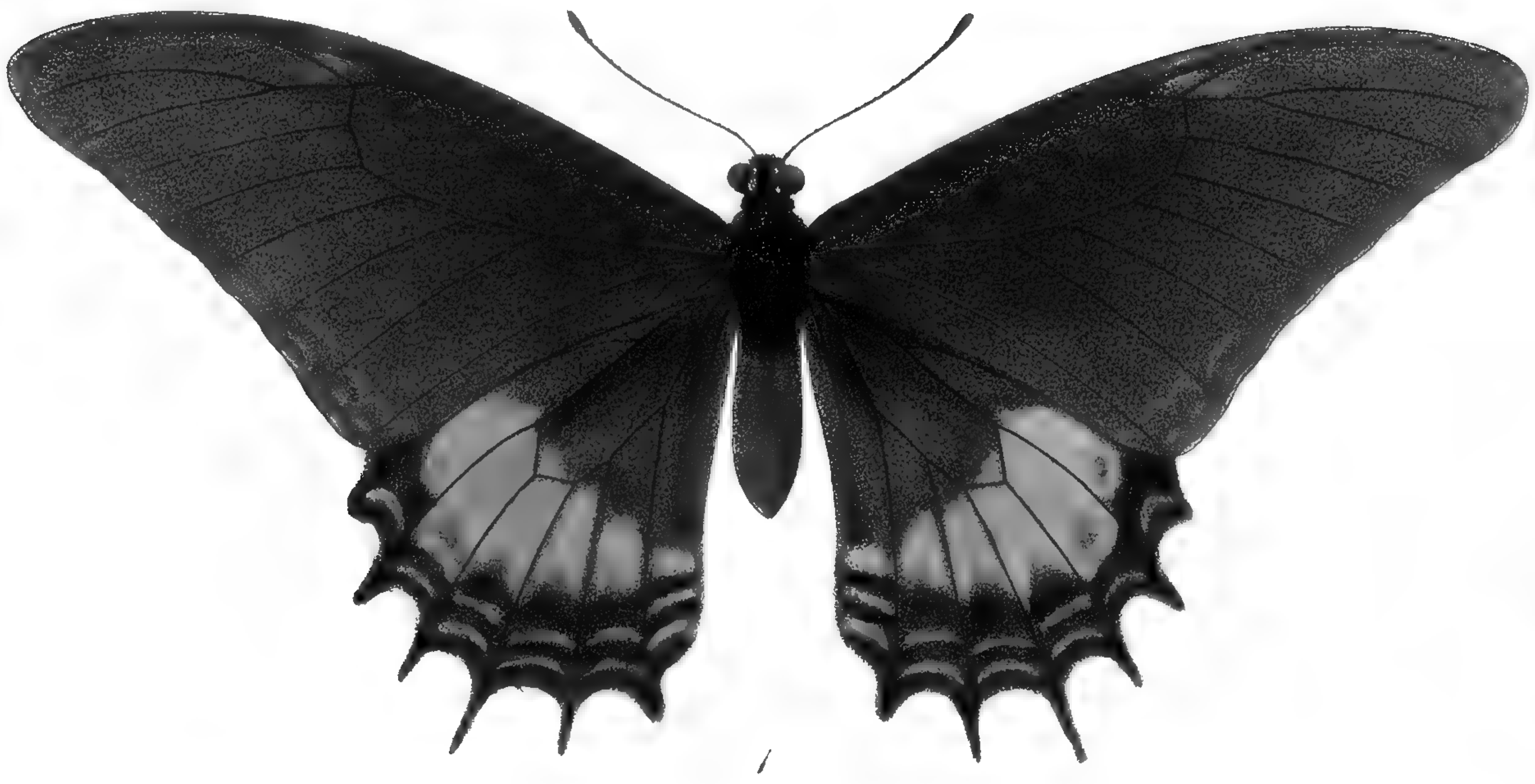

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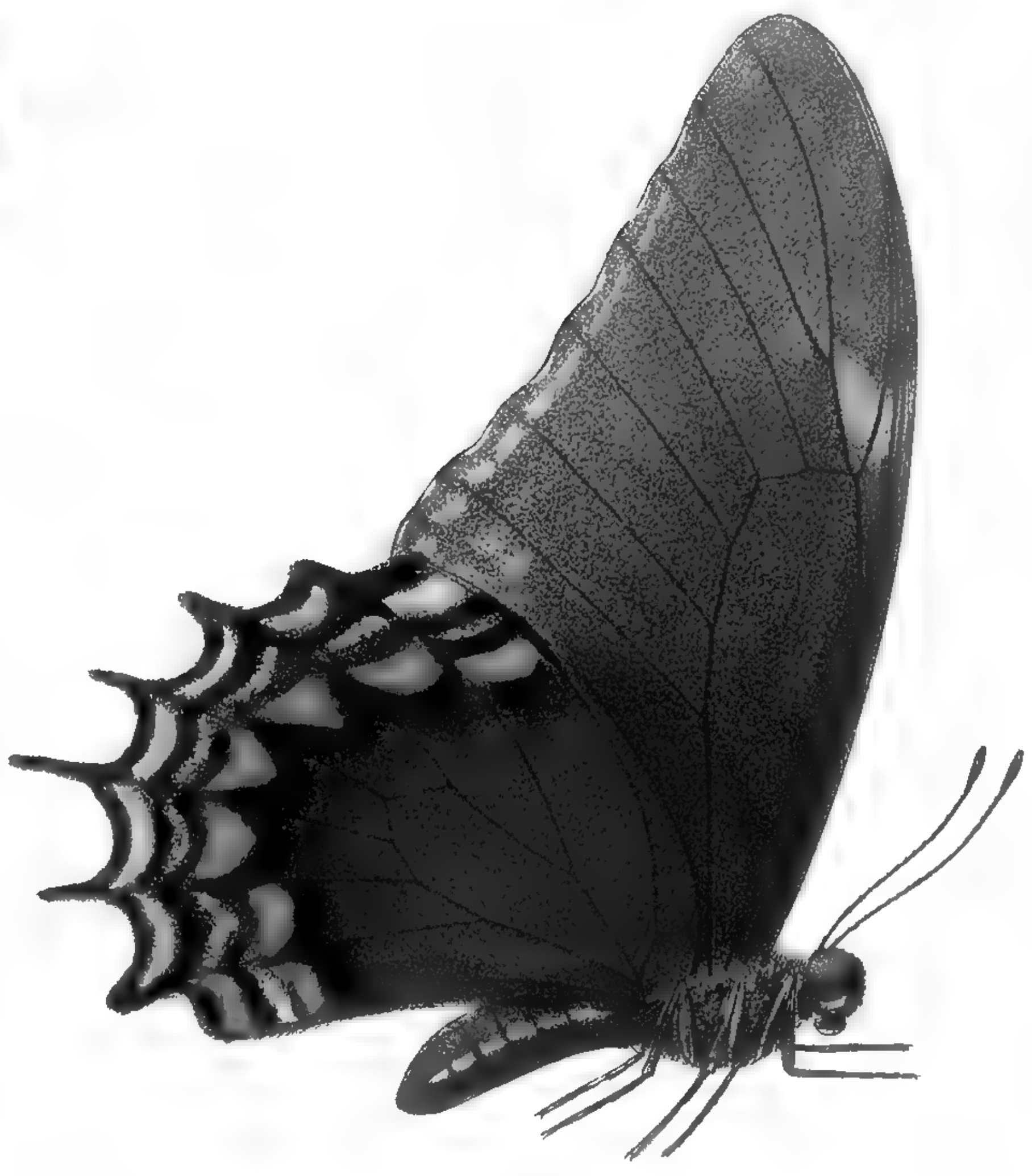

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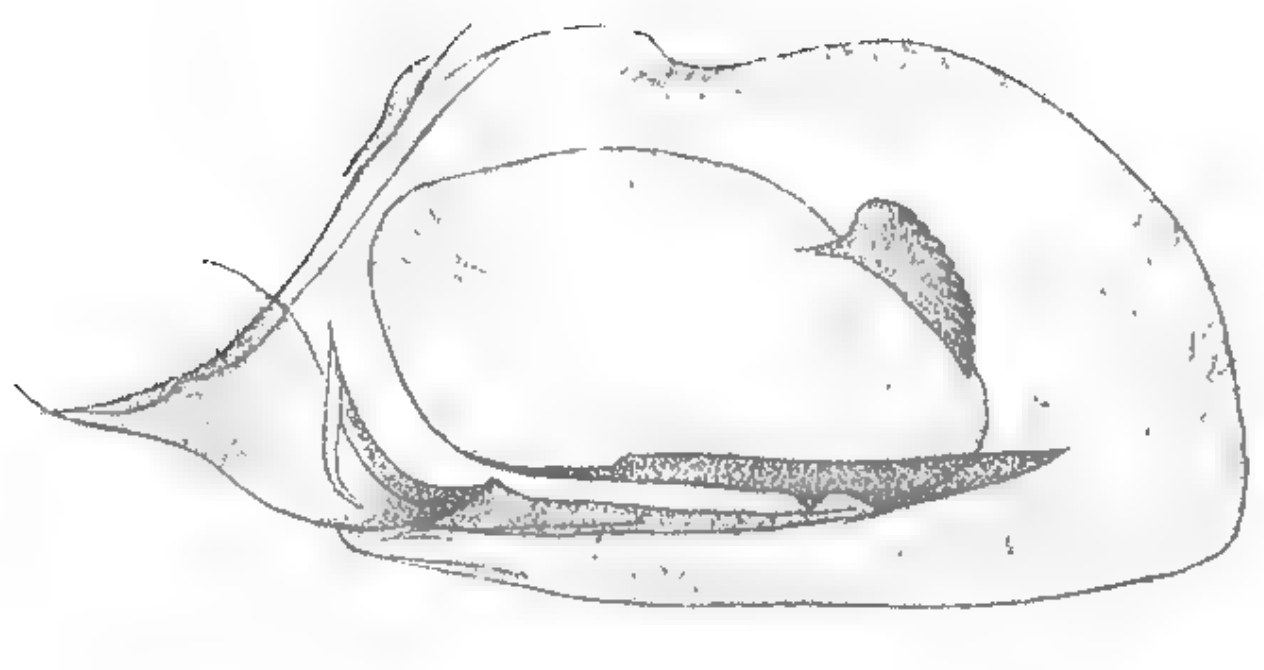

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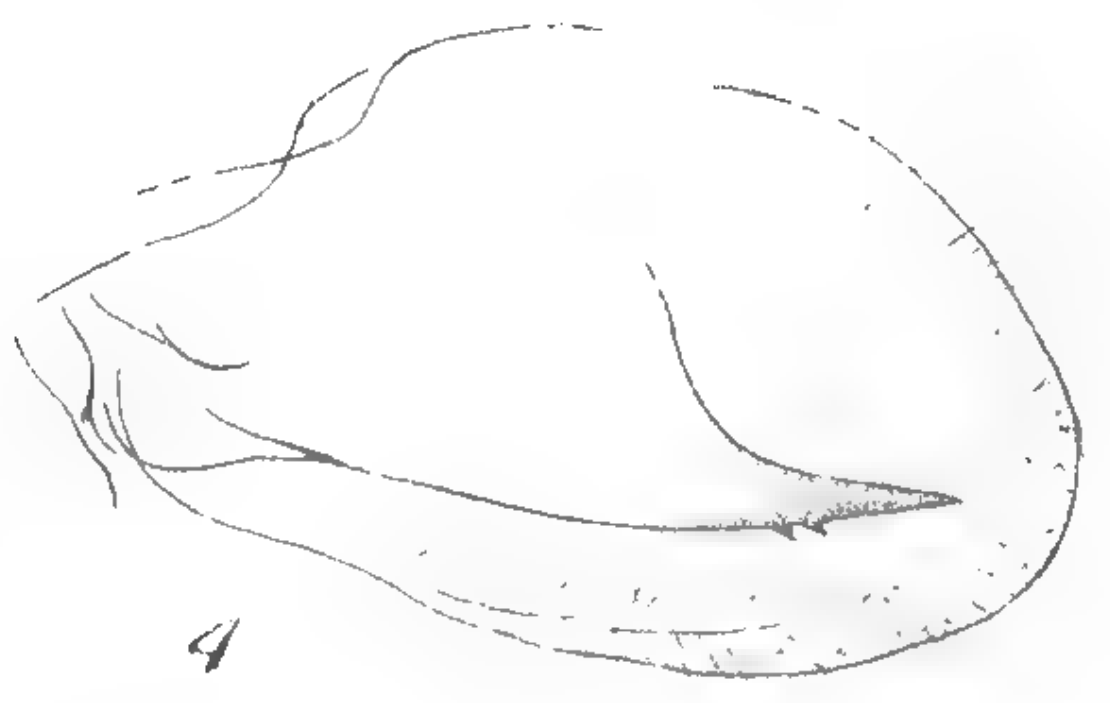

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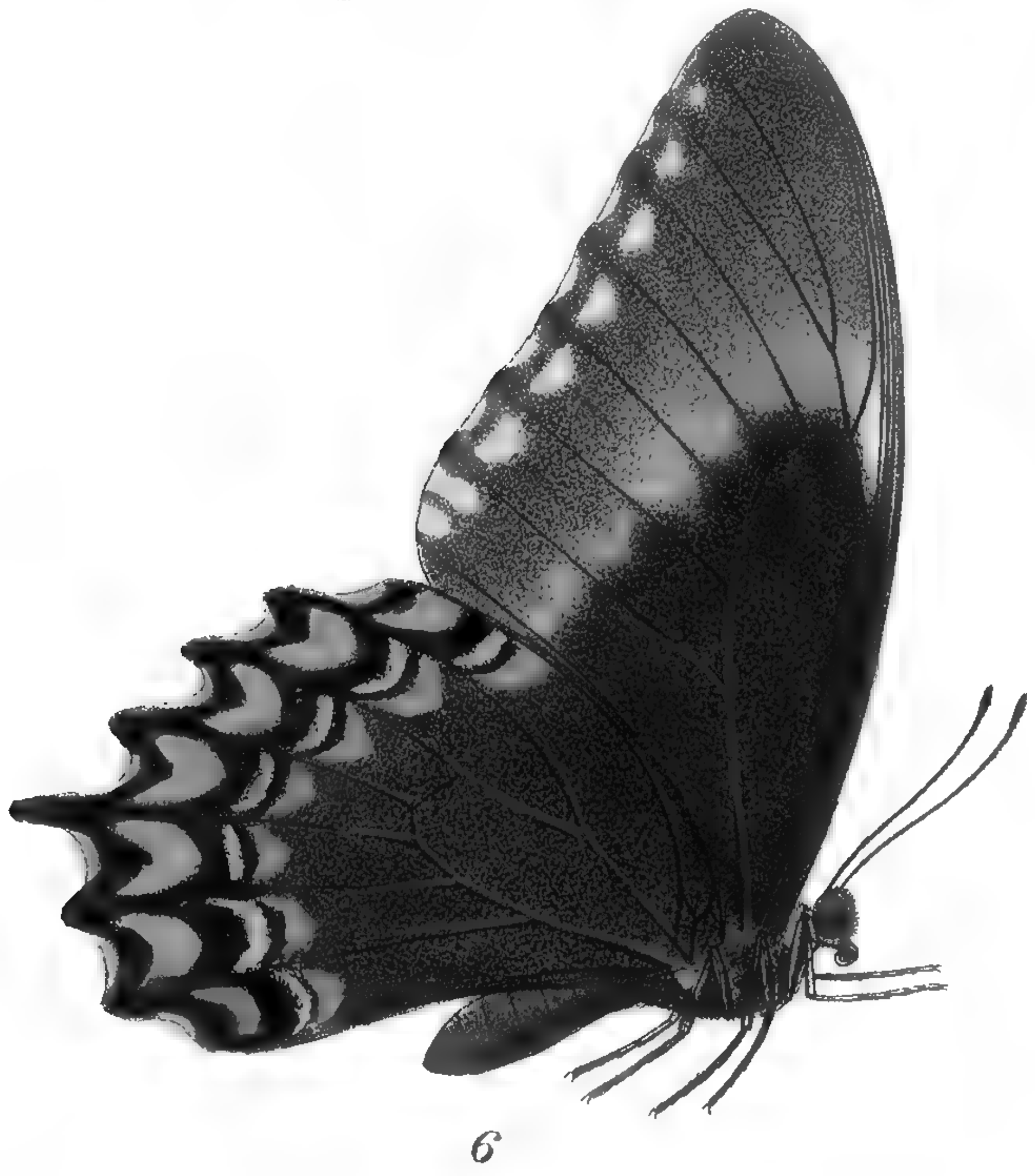

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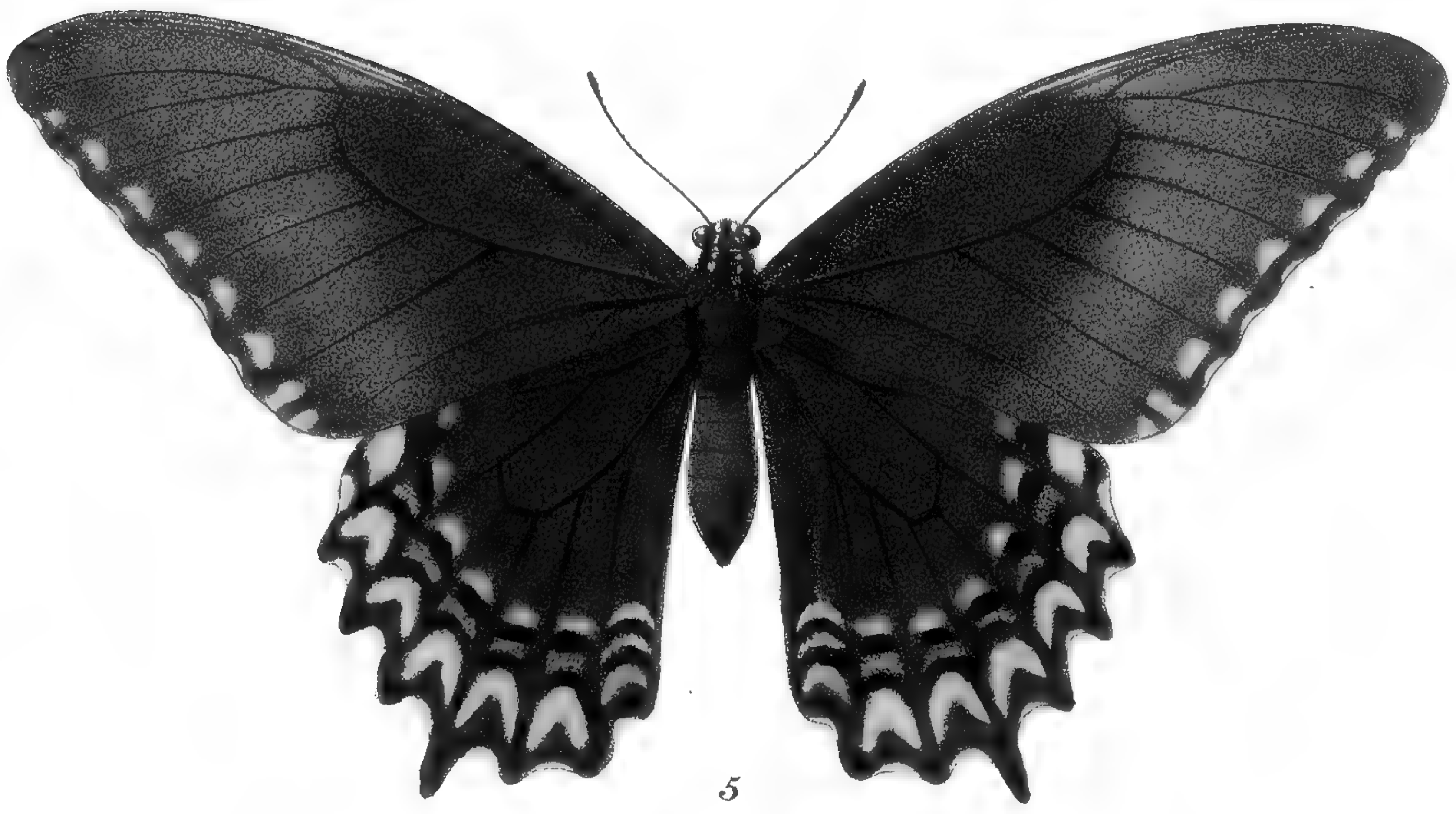

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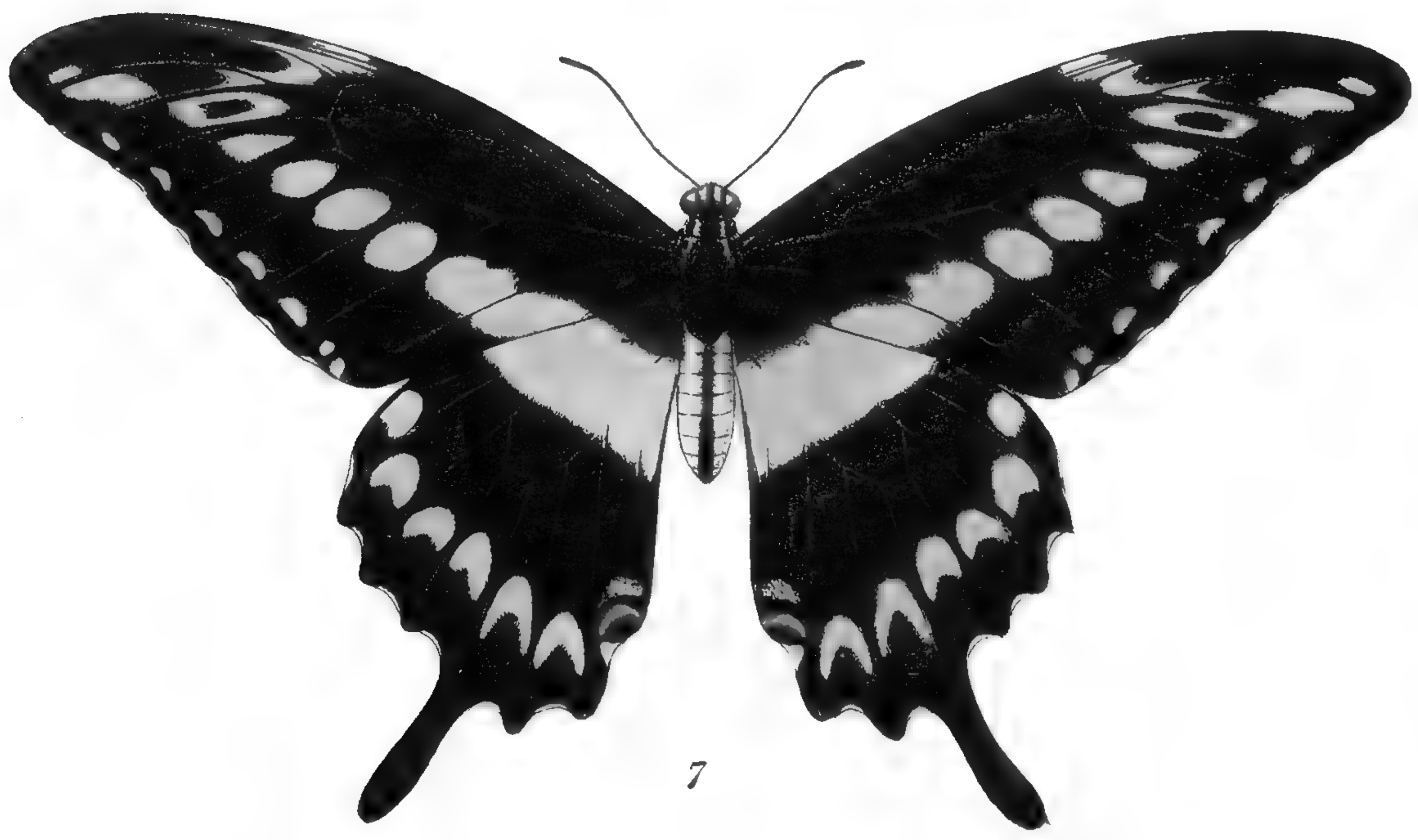

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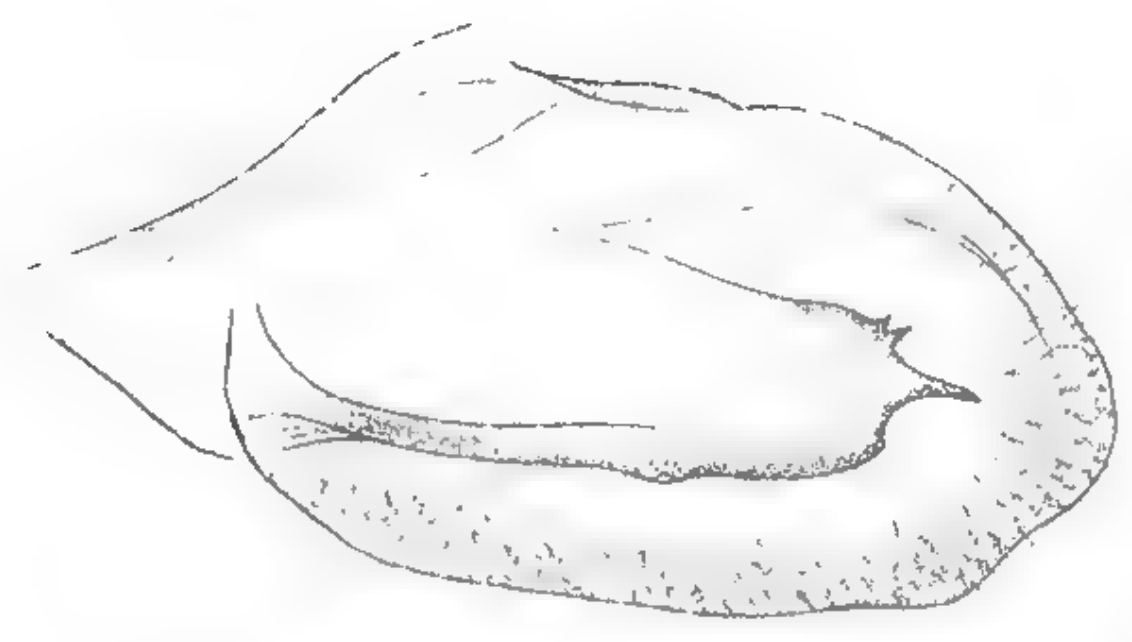

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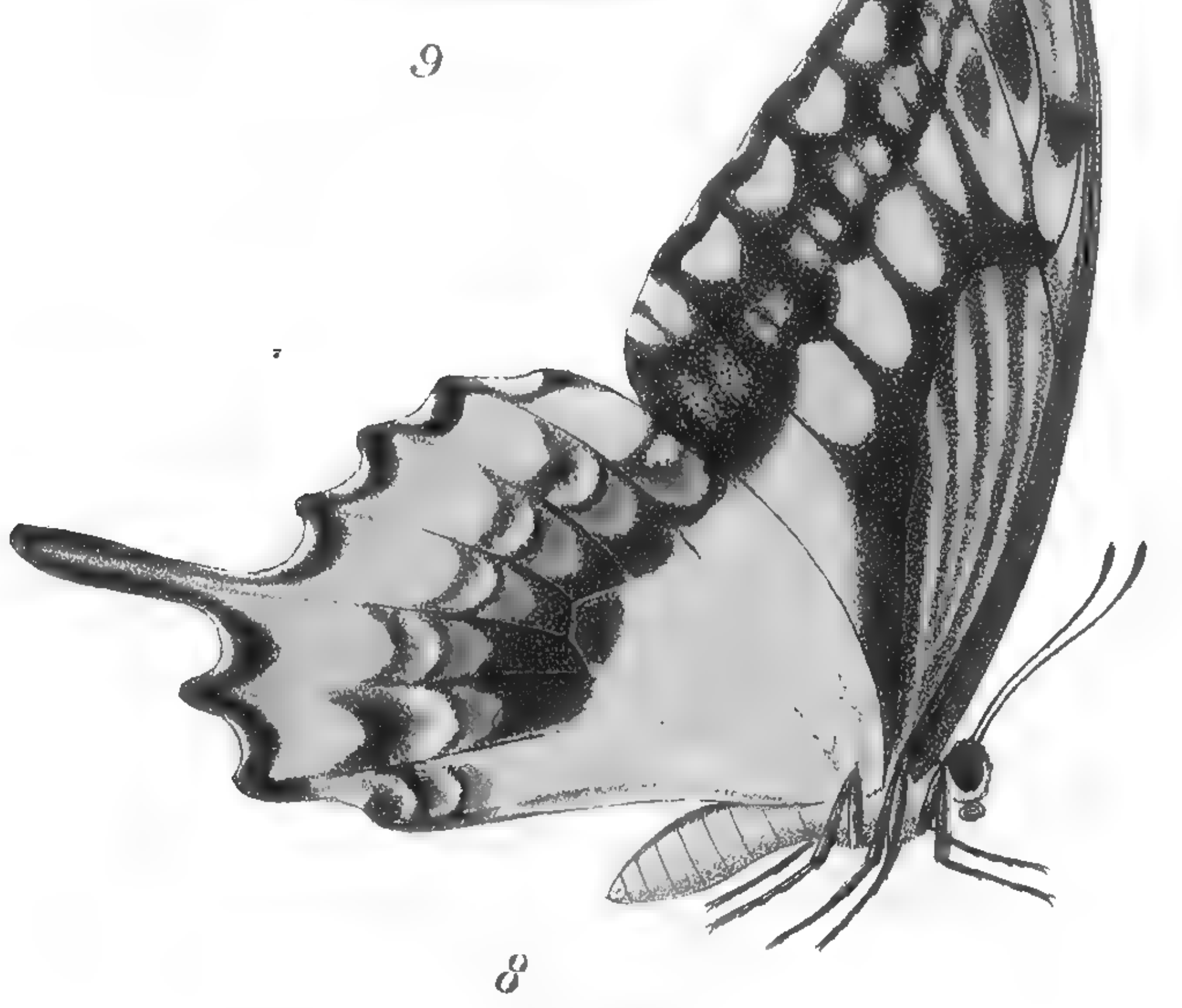


8

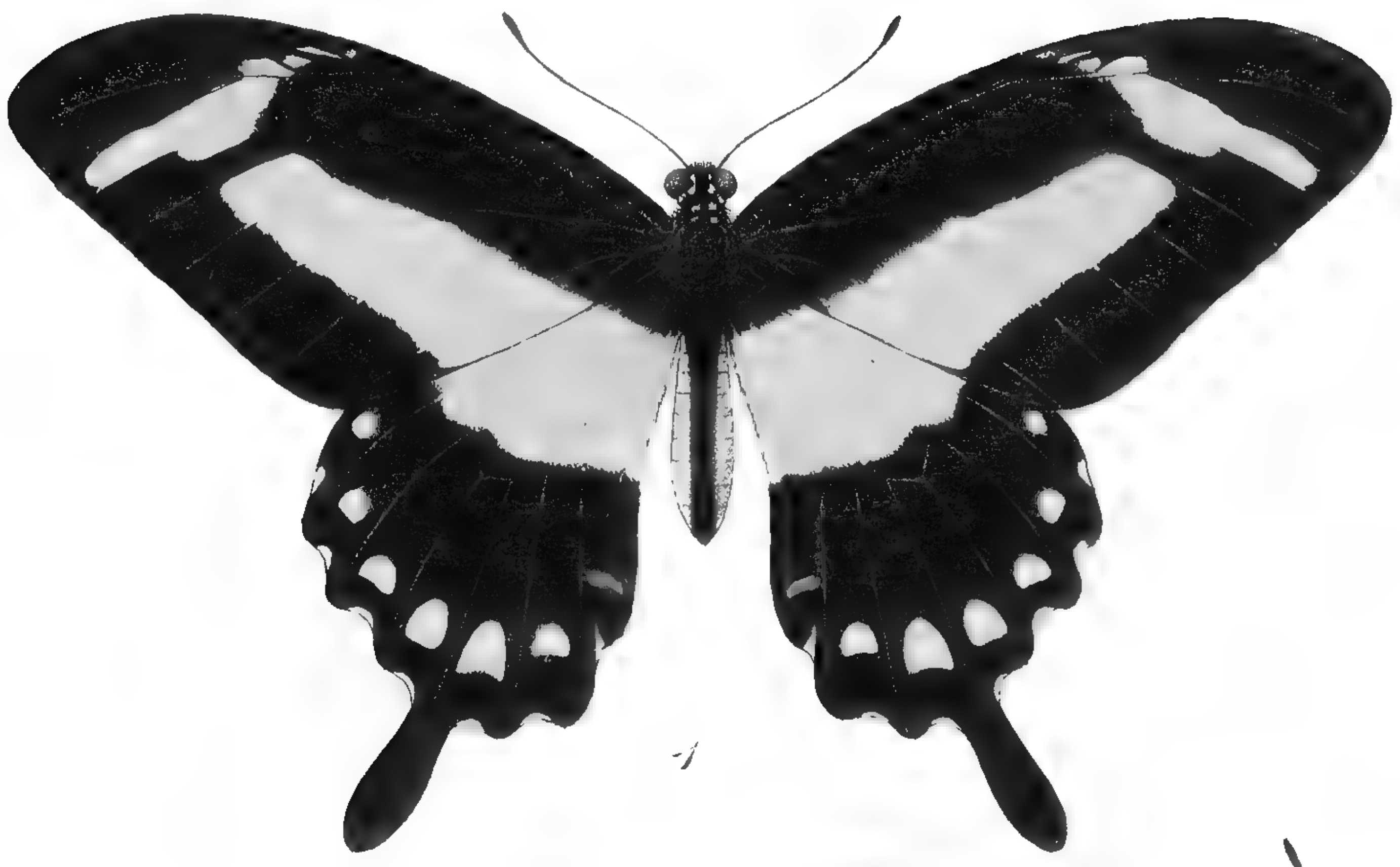
1, 2♀, 3♂ PAPILIO EPIDAURUS.
4♂ „ THOAS.

5, 6♀ PAPILIO PALLAS.

7, 8♂ PAPILIO ORNYTHION.
9♂ „ EROSTRATUS.

W. Purkiss lith.

Hanhart imp.
554.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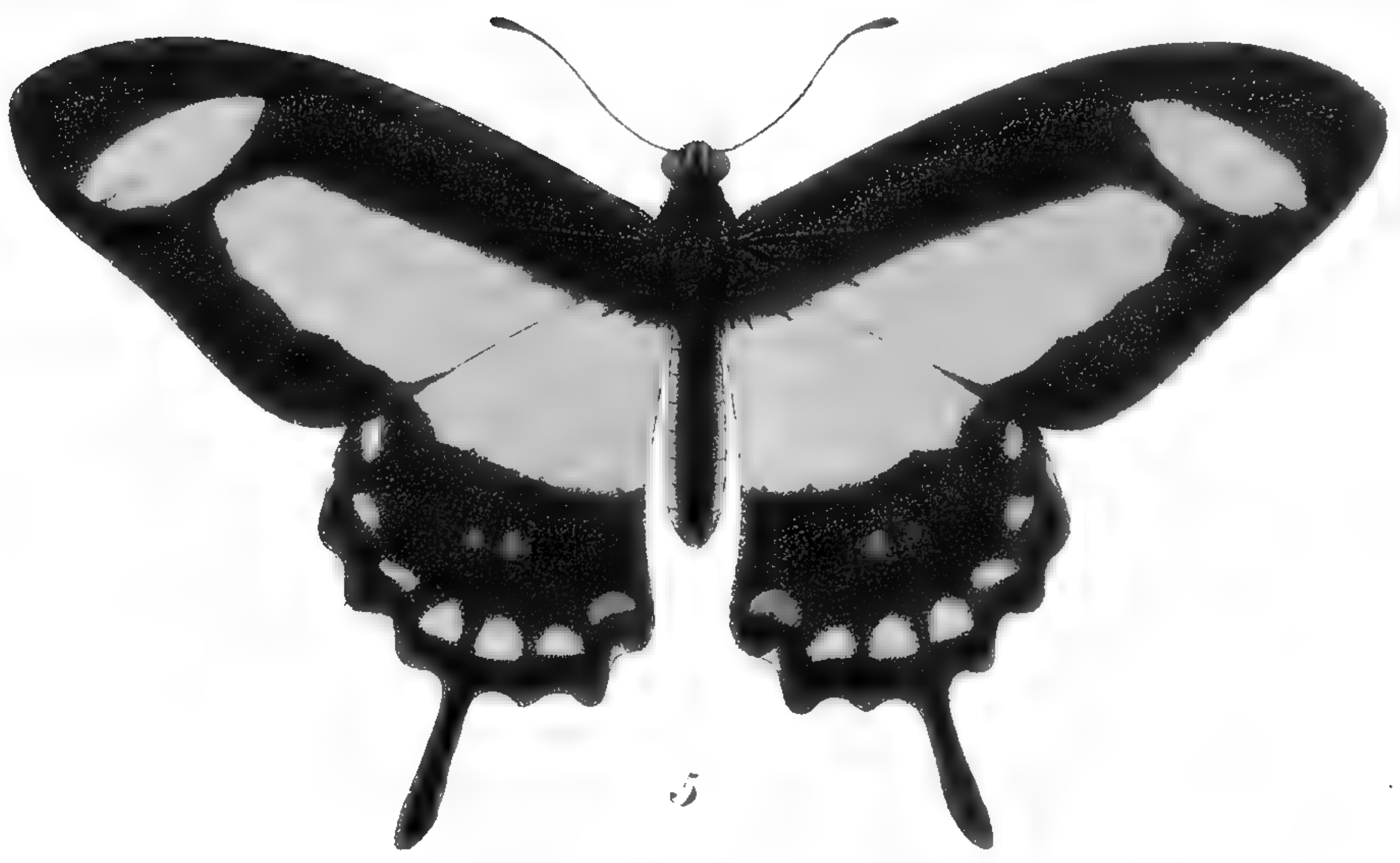
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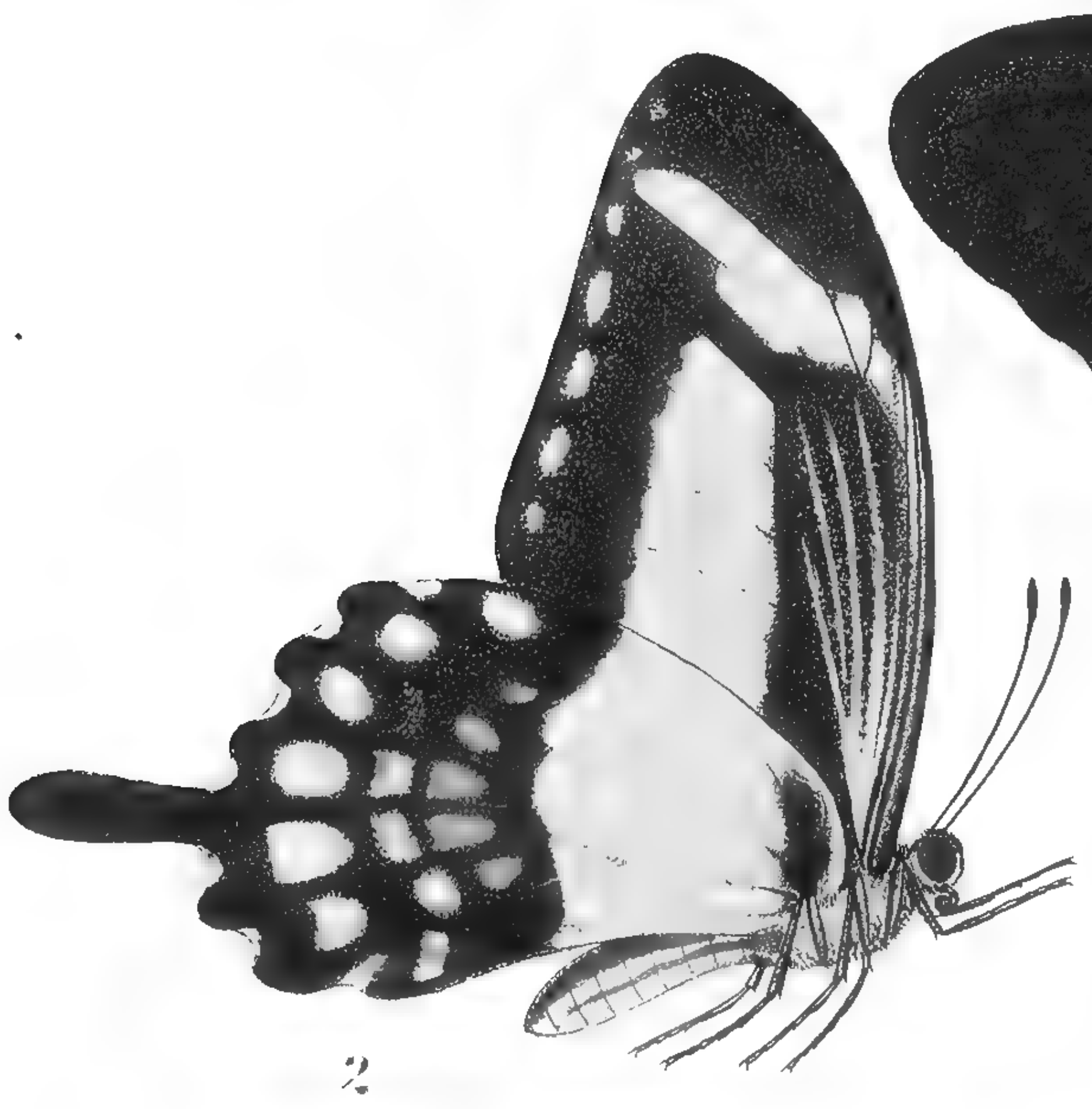
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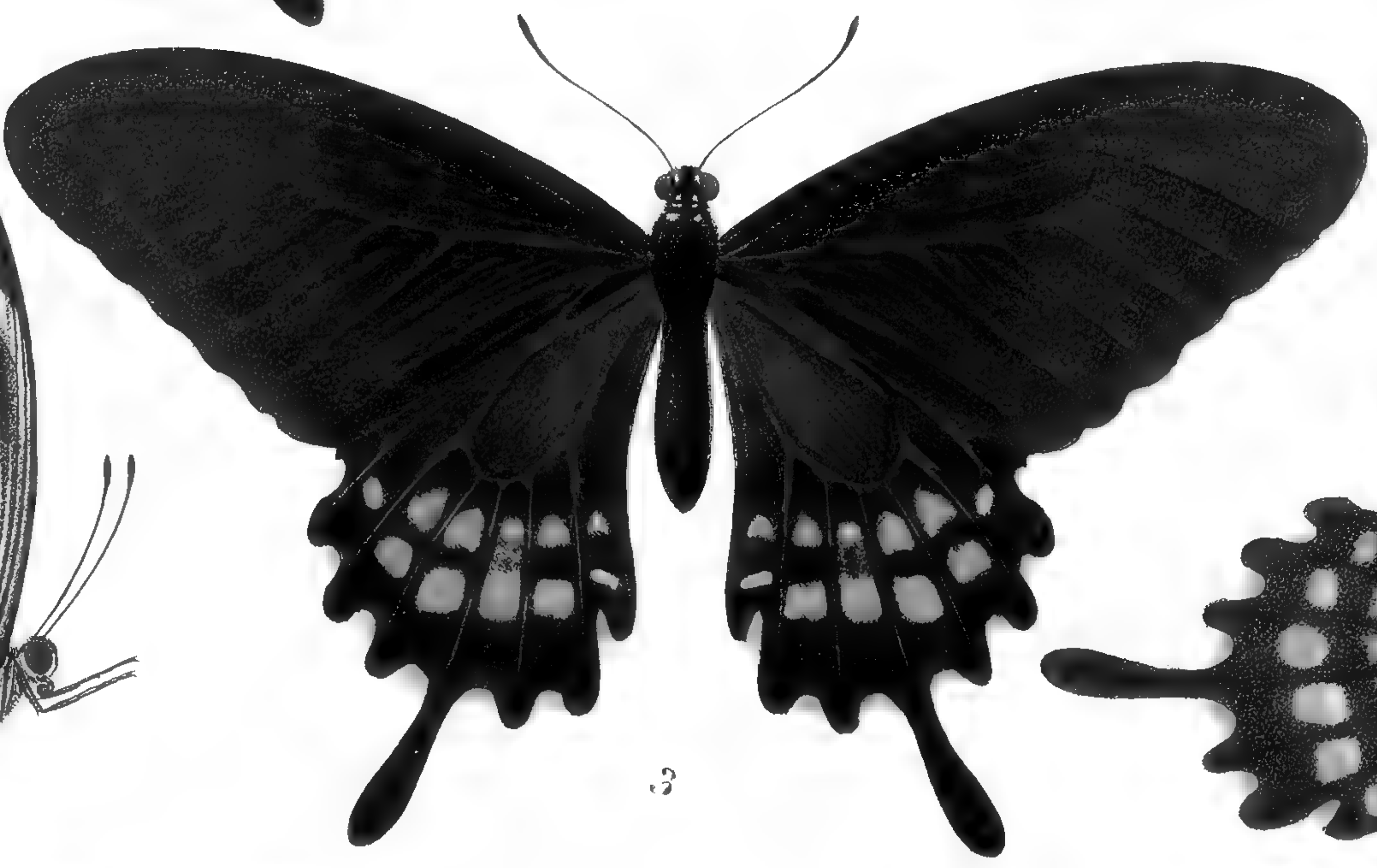
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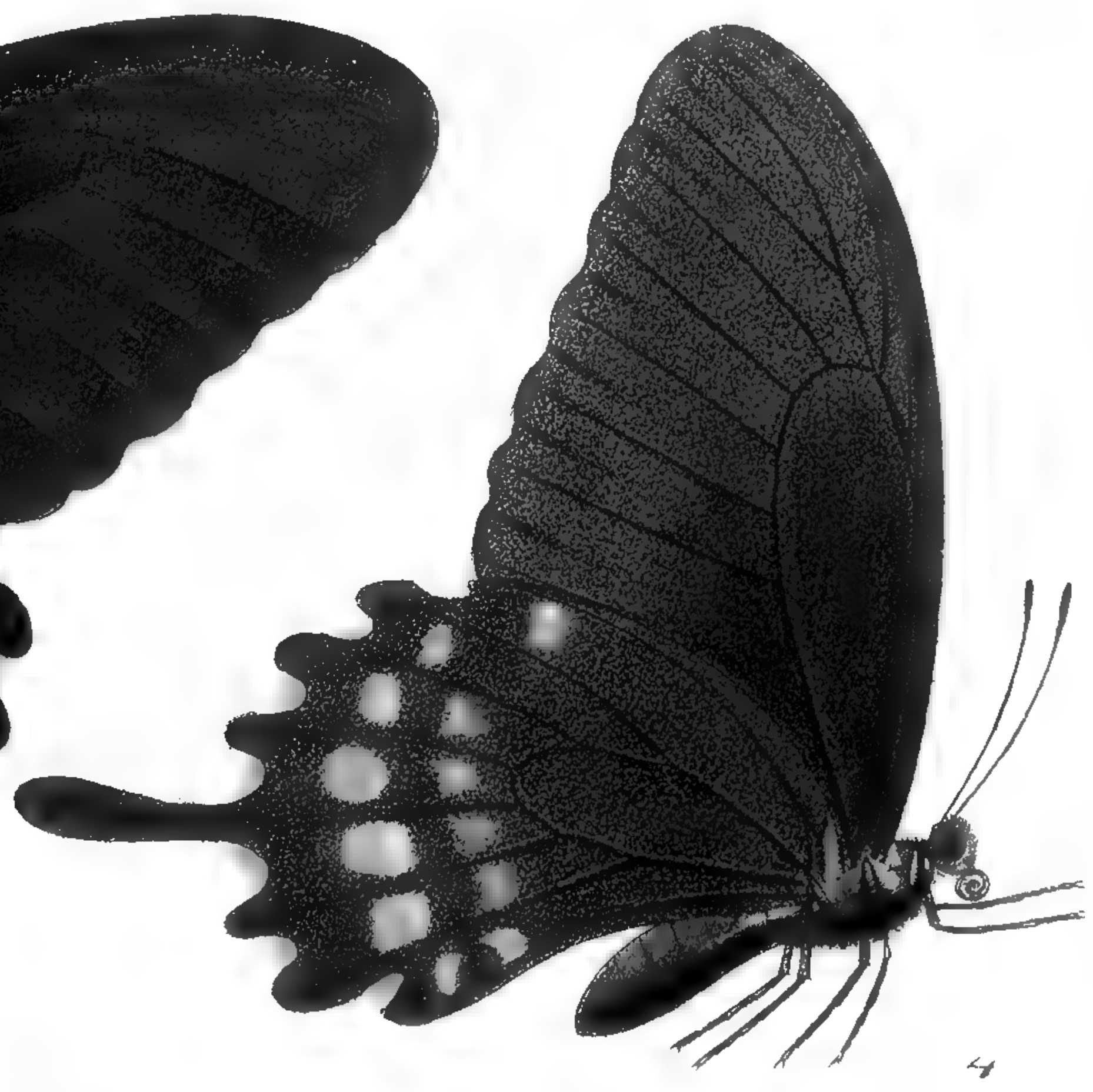
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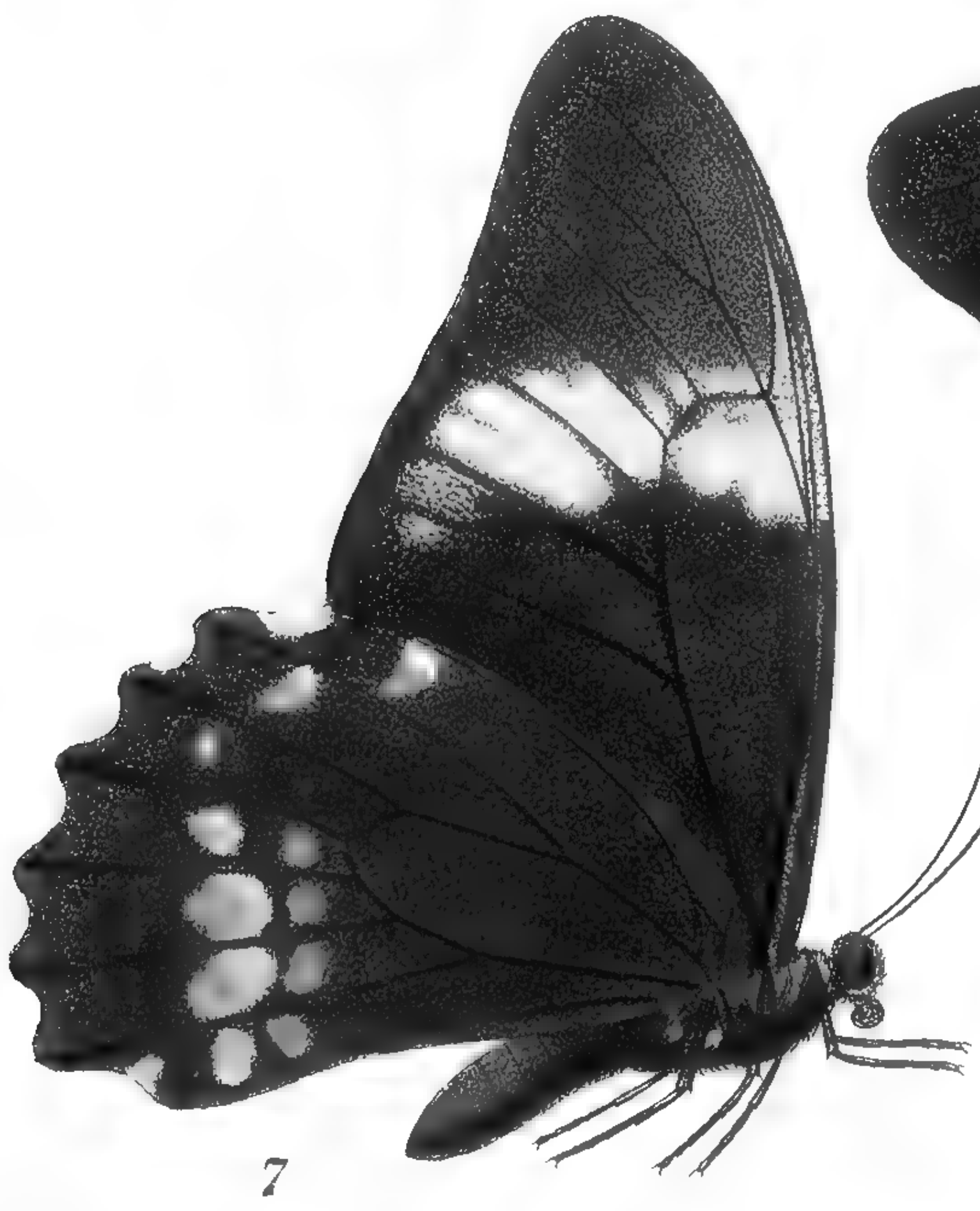
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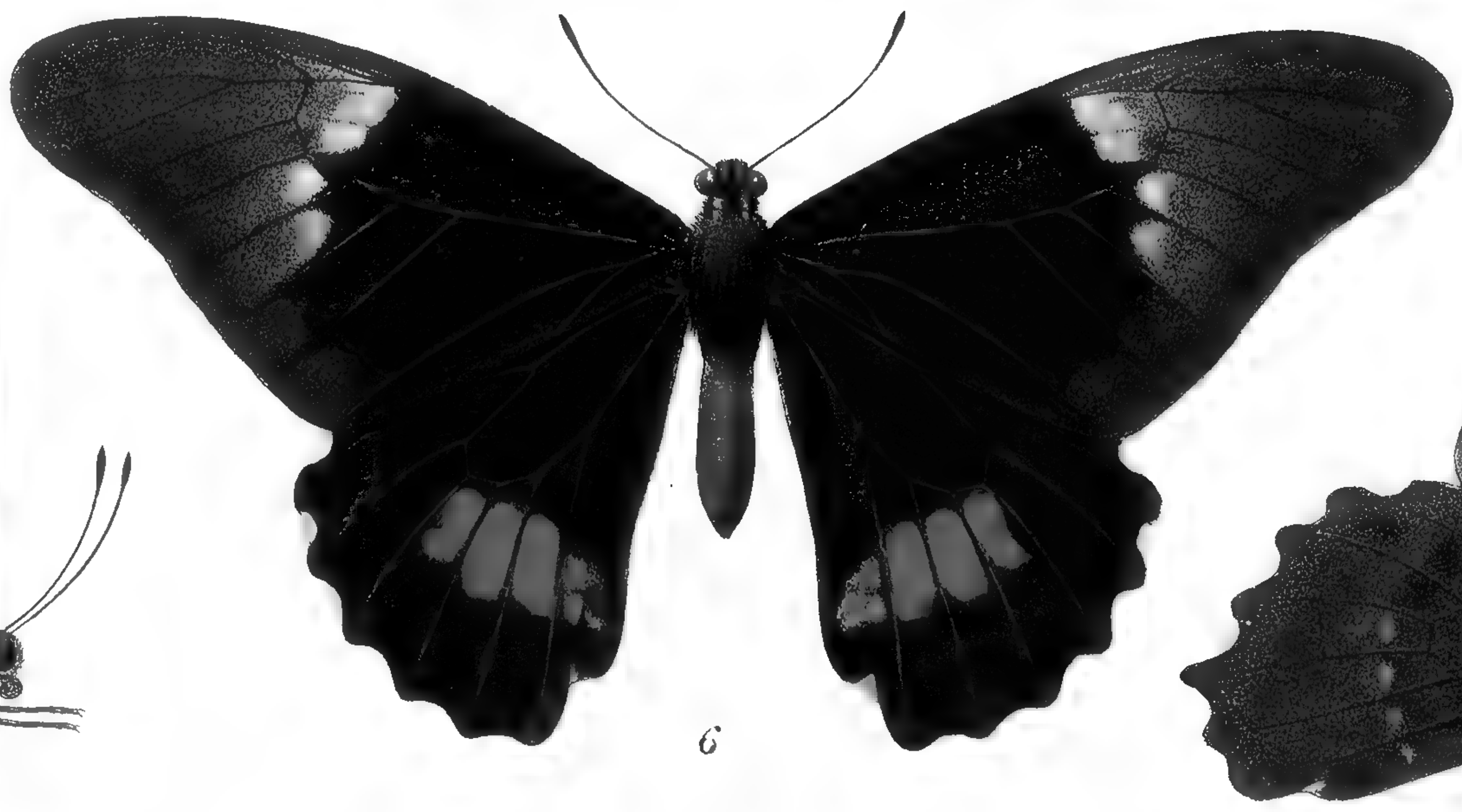
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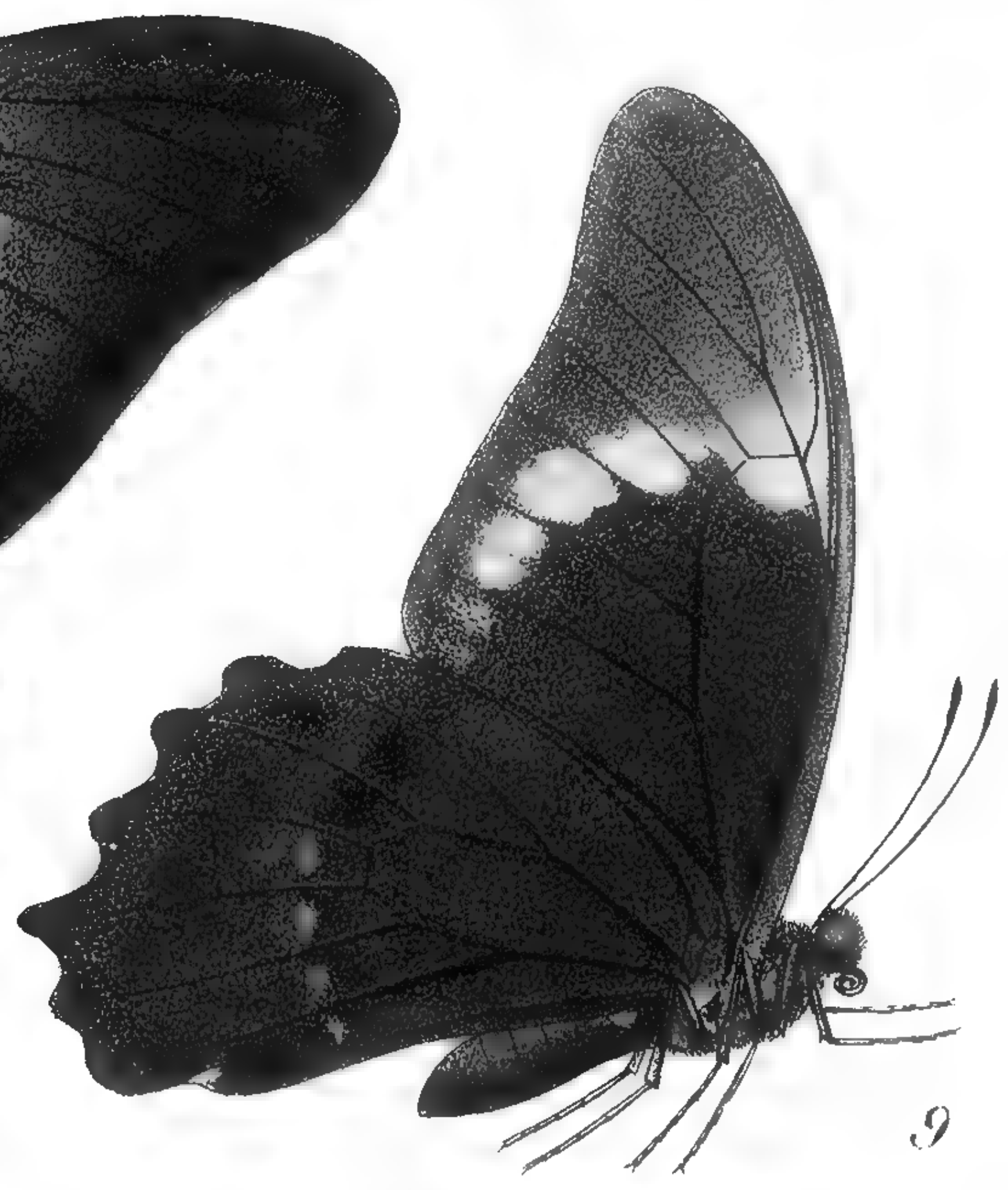
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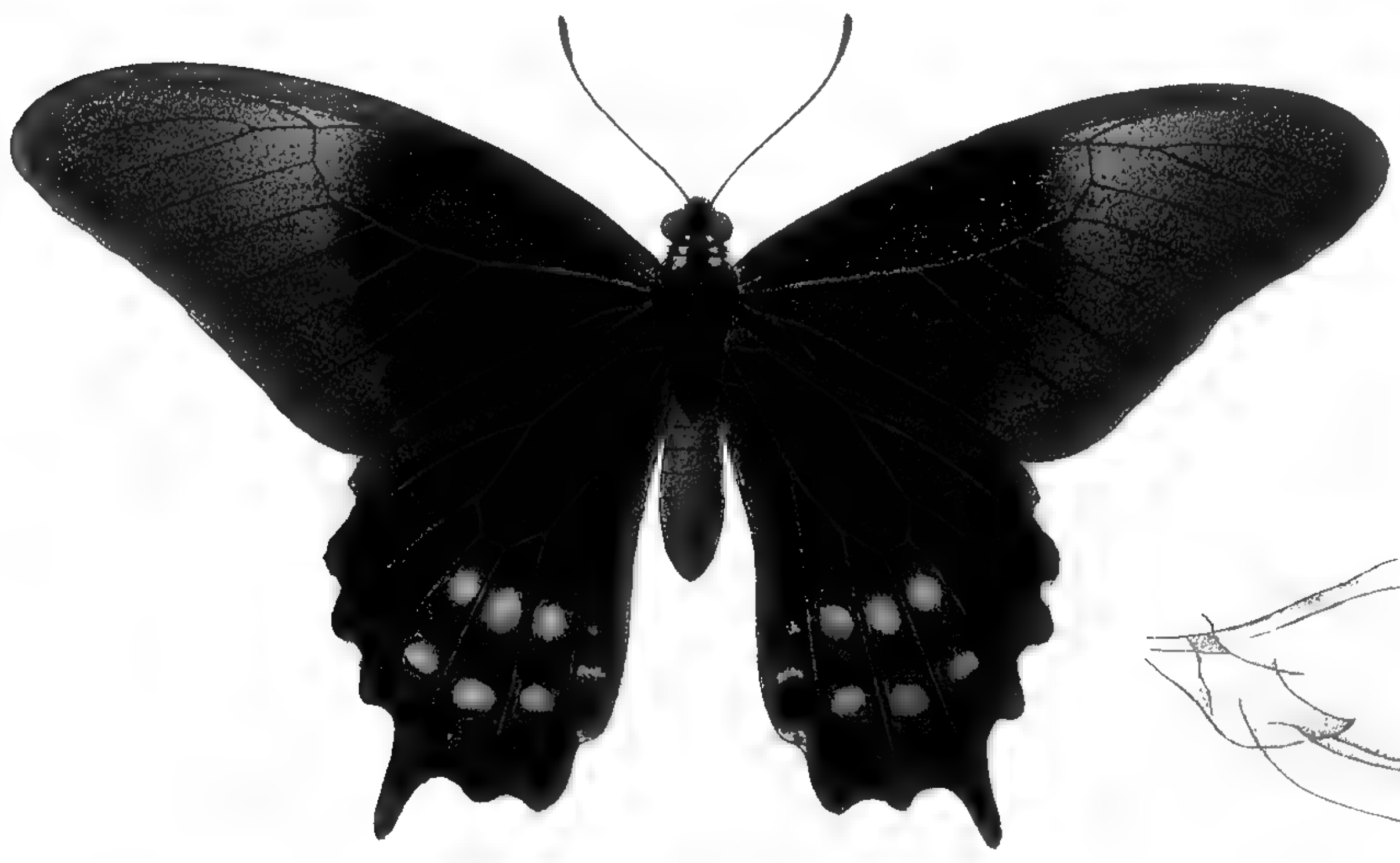
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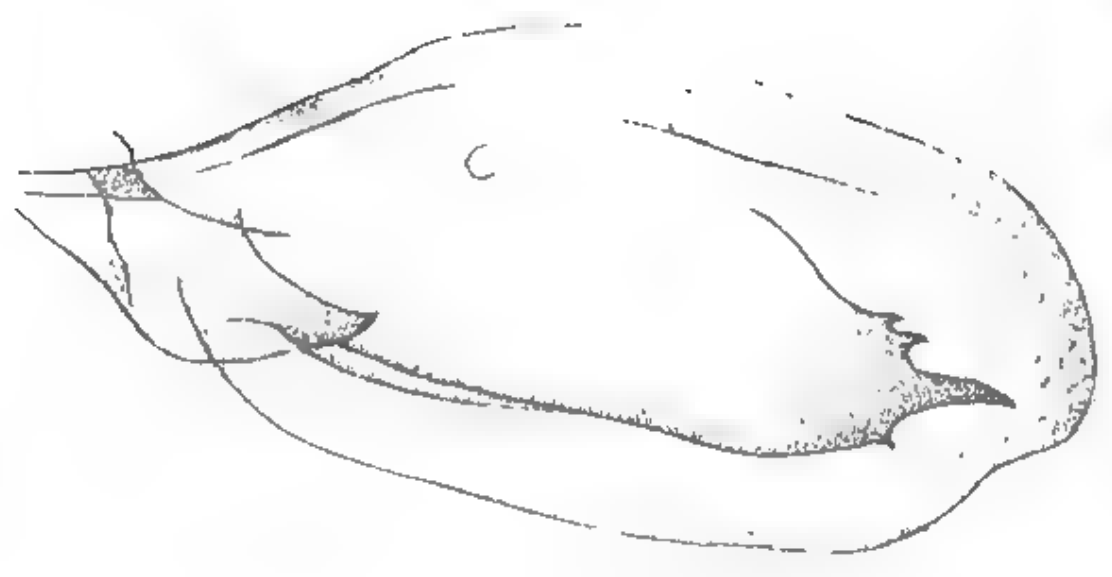
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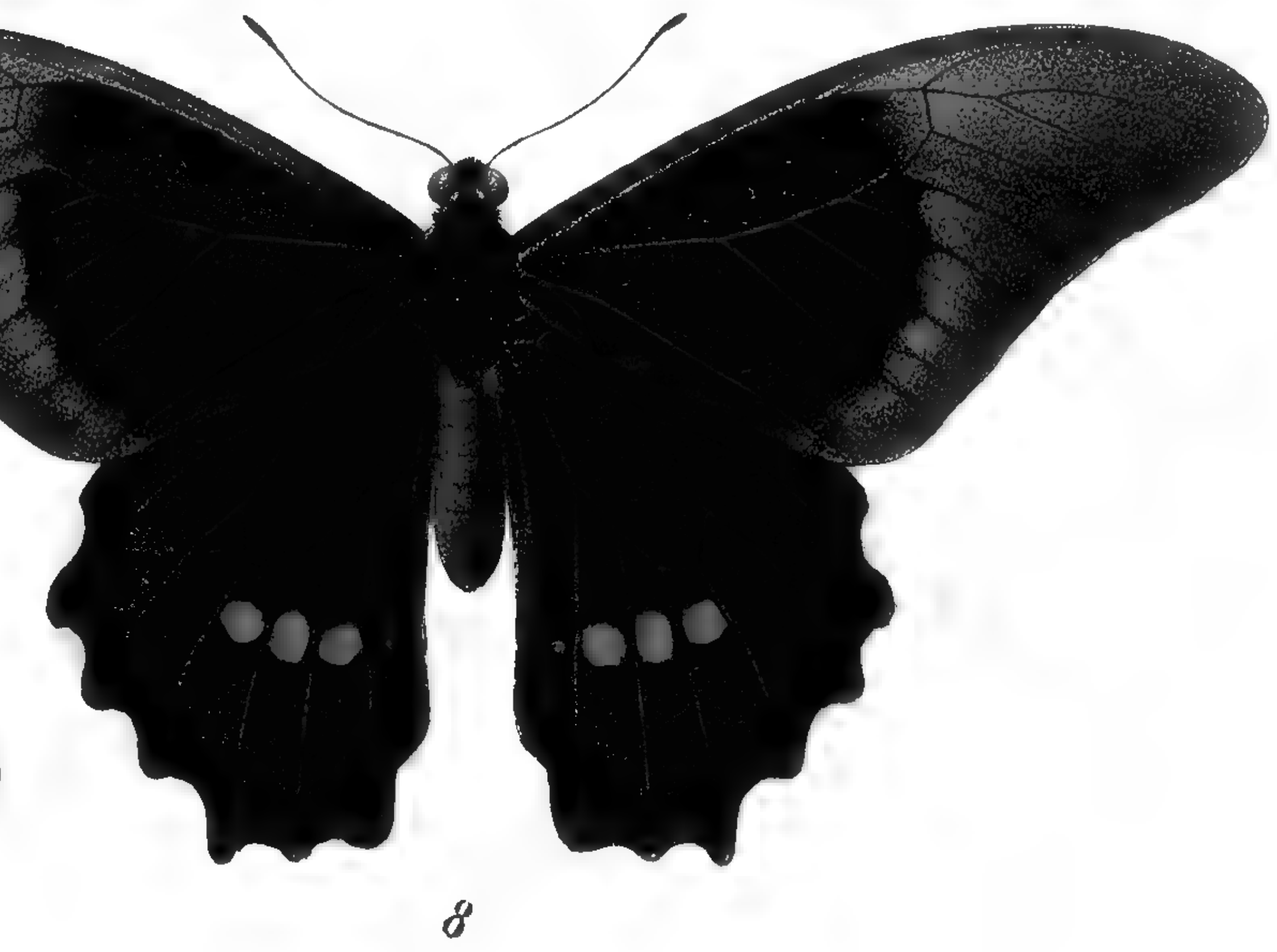
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1,2♂,3,4♀ PAPILIO TOLUS.
5♂ „ TOLMIDES.

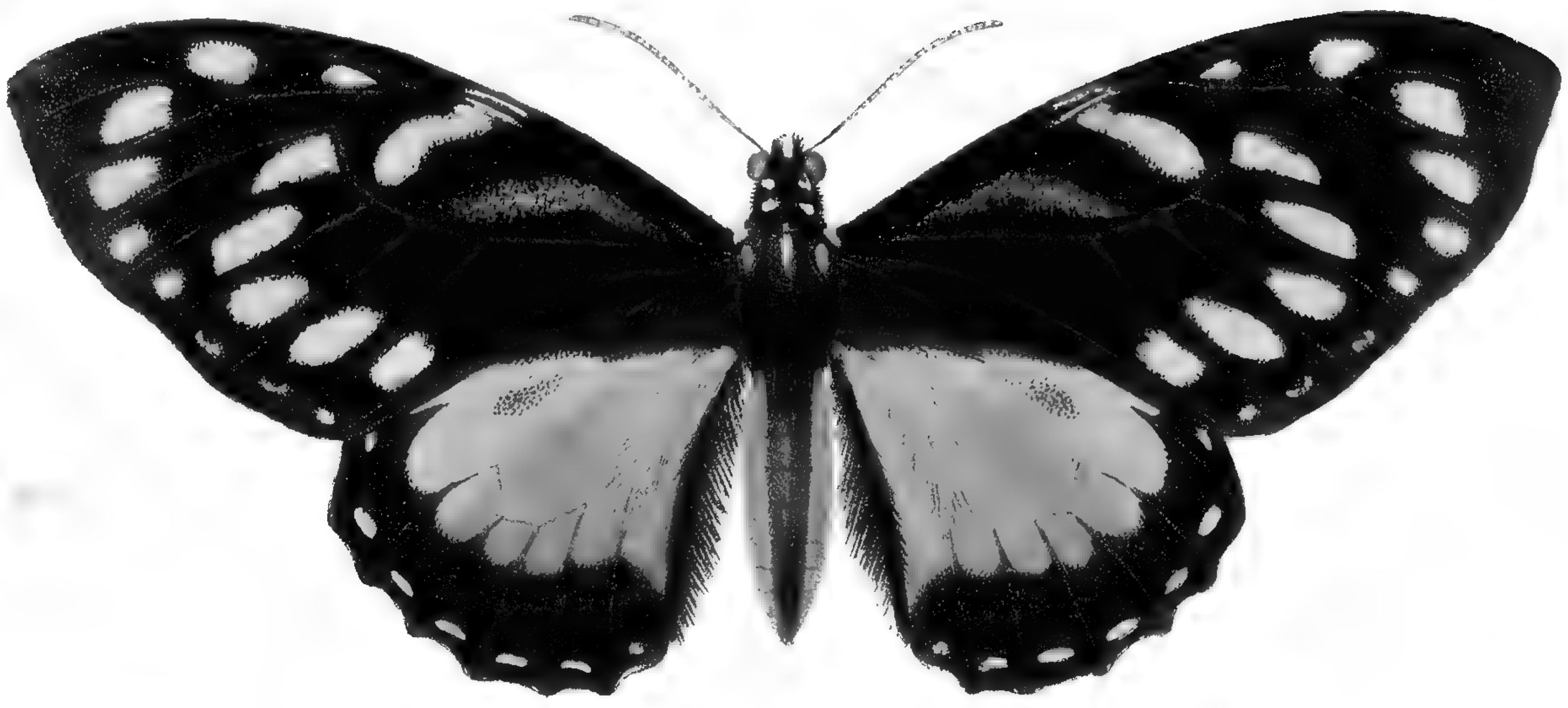
6,7♂ PAPILIO PANDION.
8,9♂ „ ROGERI.

10♂ PAPILIO POLYCHARMUS.
11♂ „ PANDION.

W. Purkiss lith.

Hanhart imp.
557.

Pl. 70



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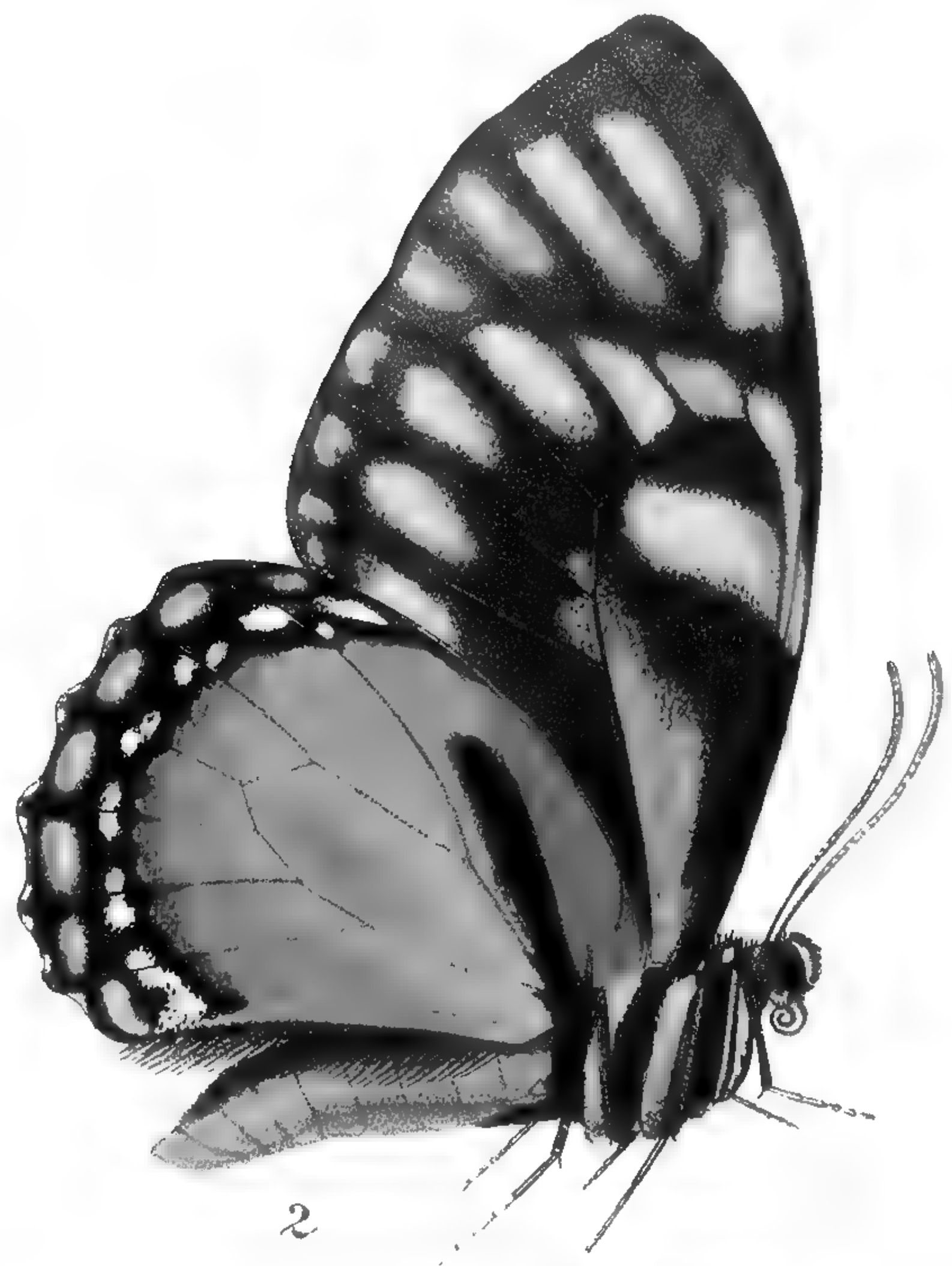

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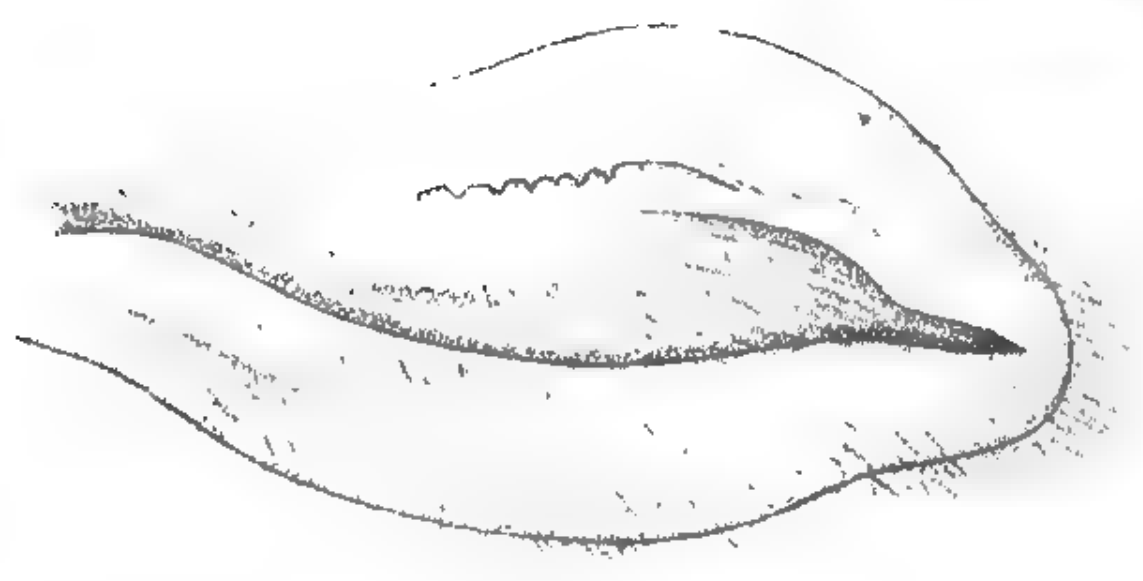

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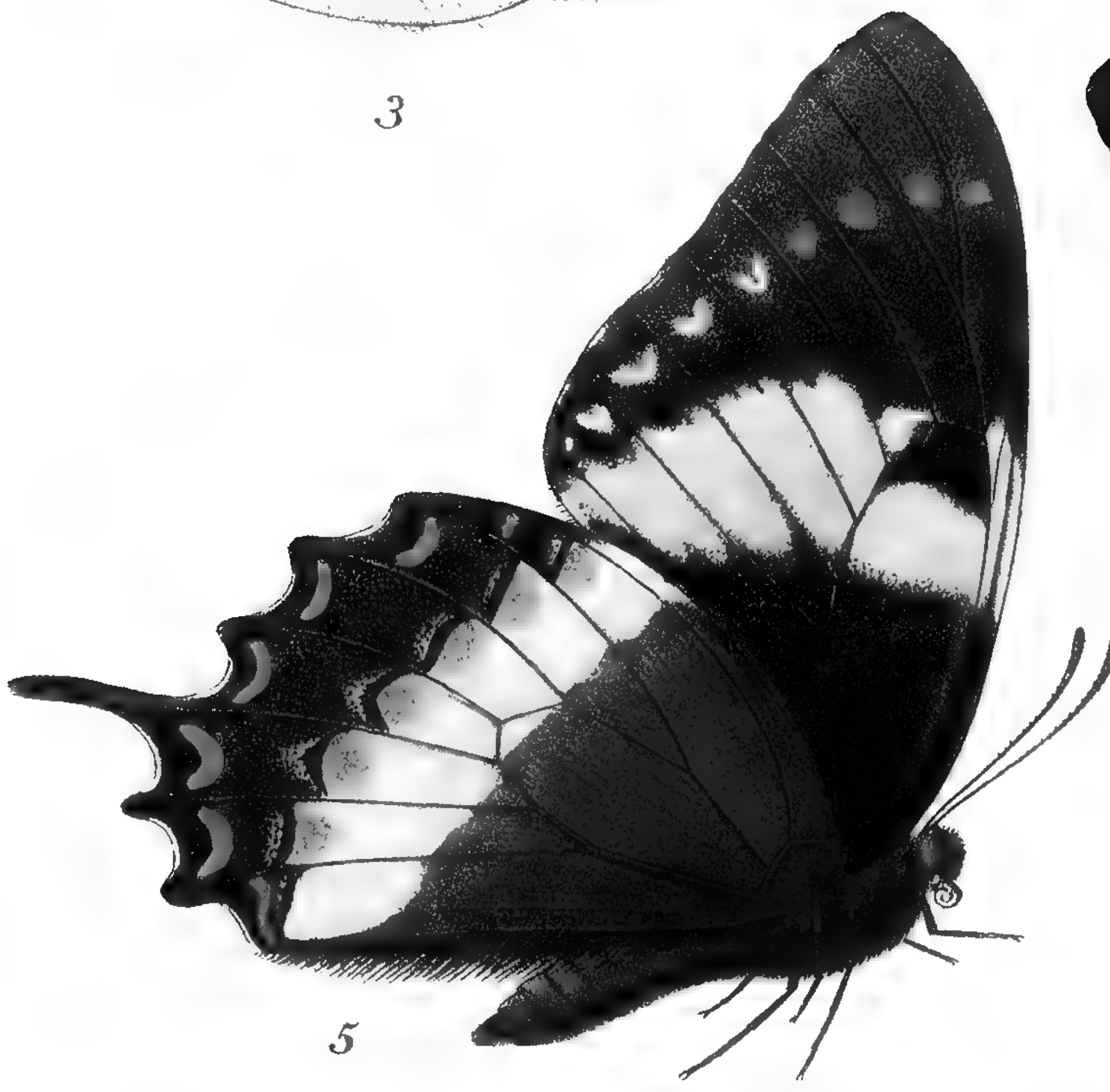

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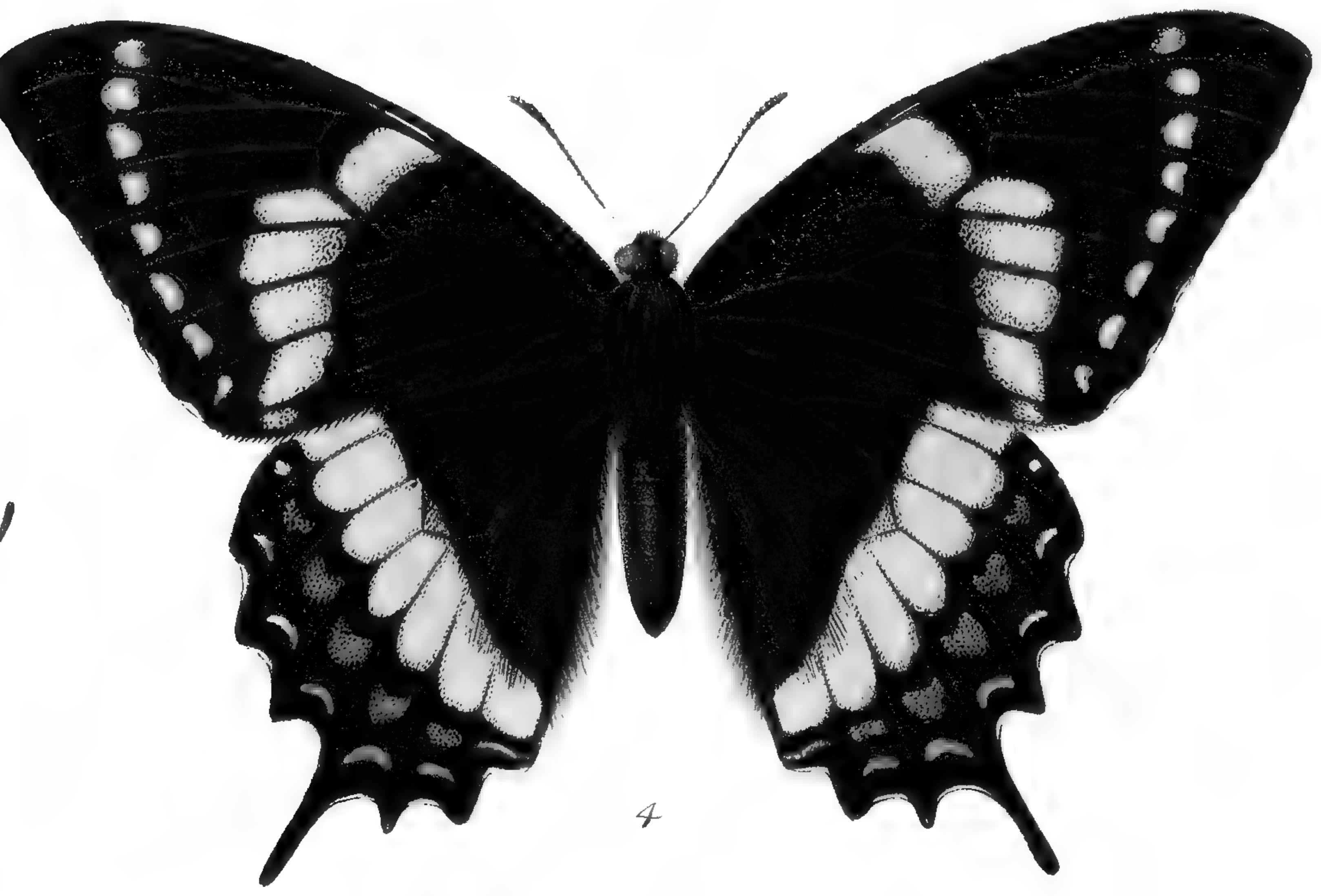

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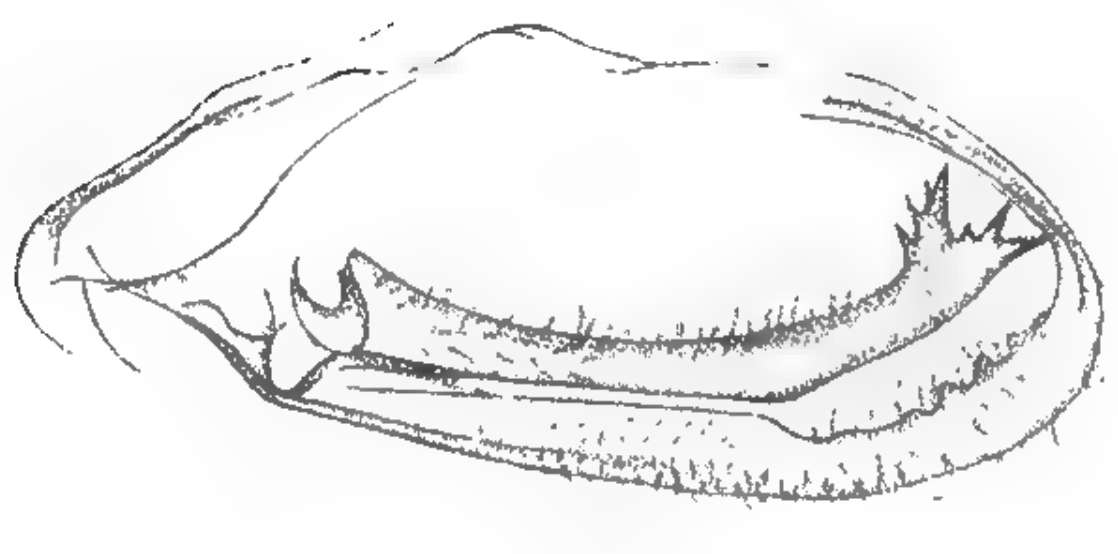

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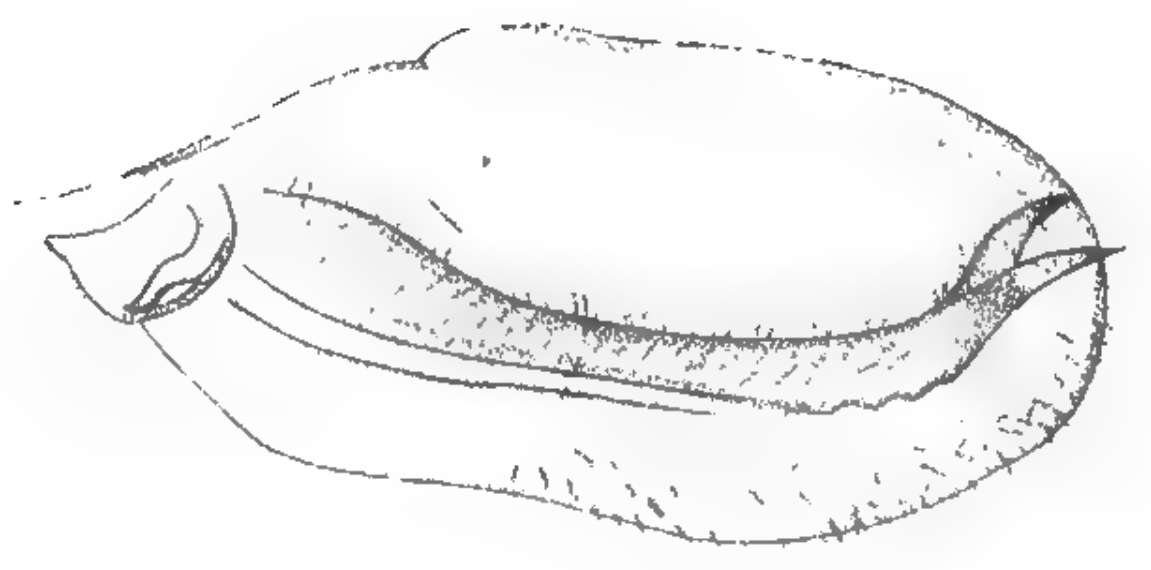

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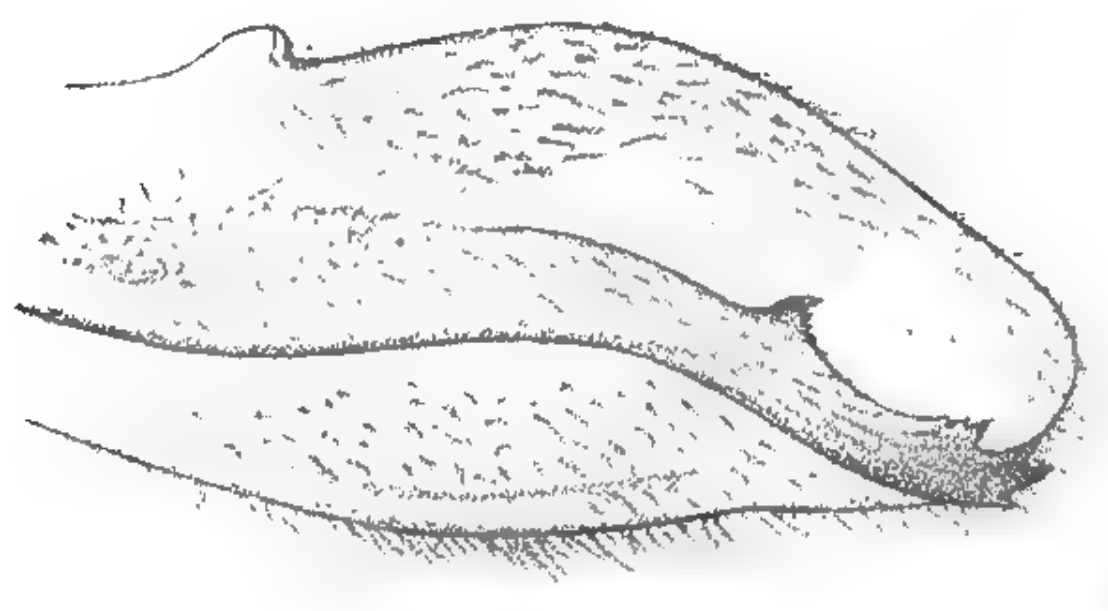

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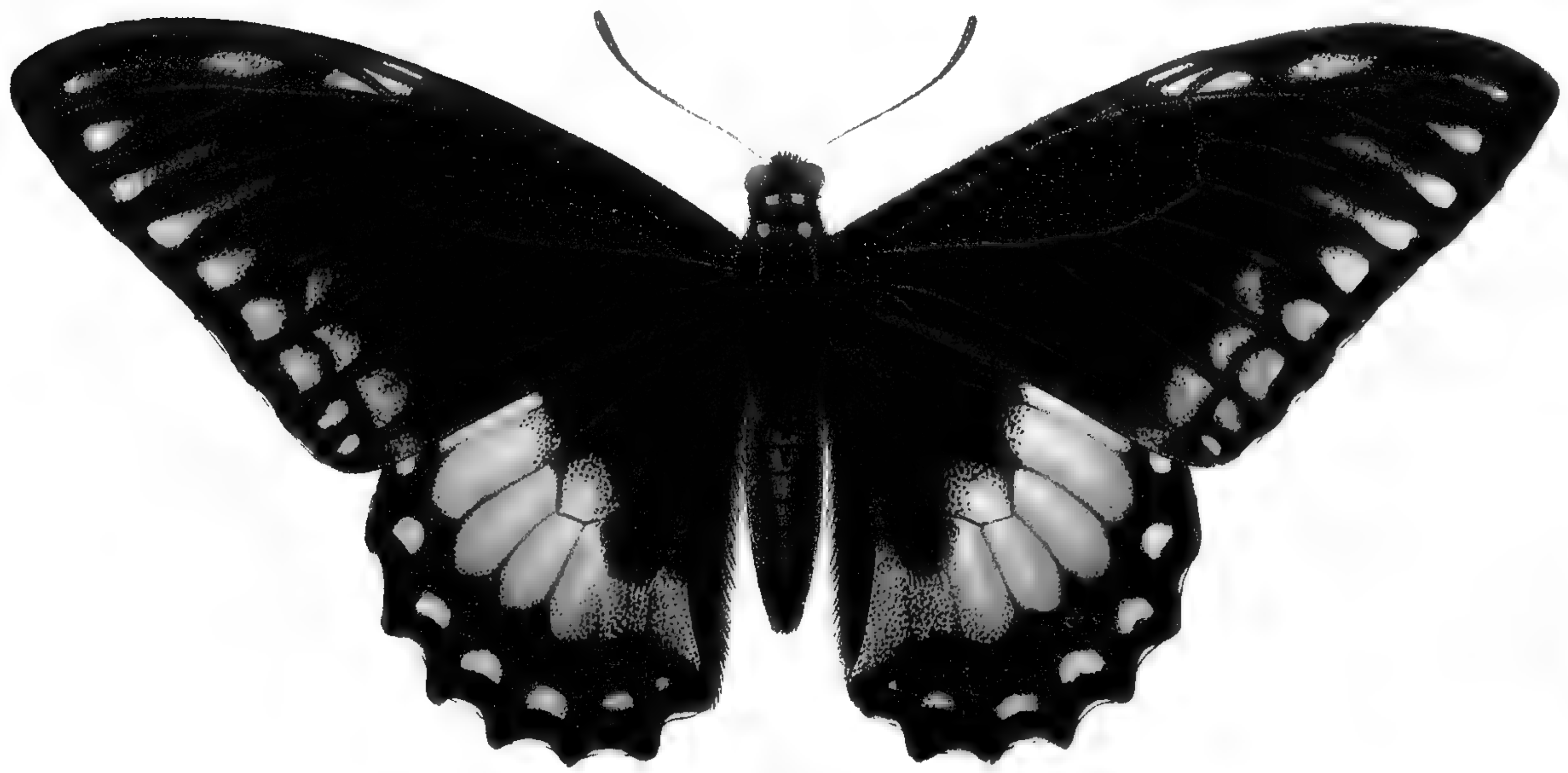

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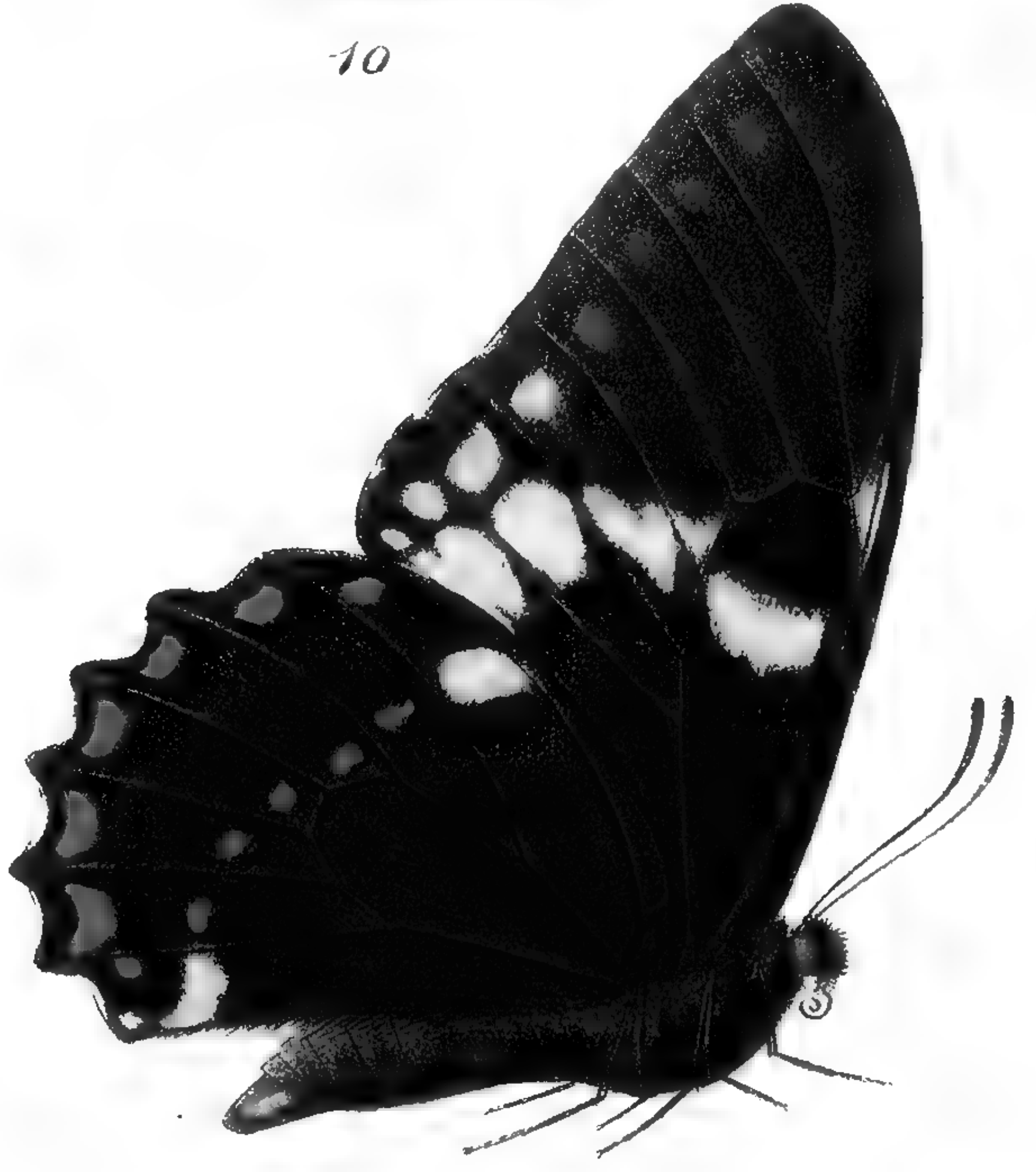

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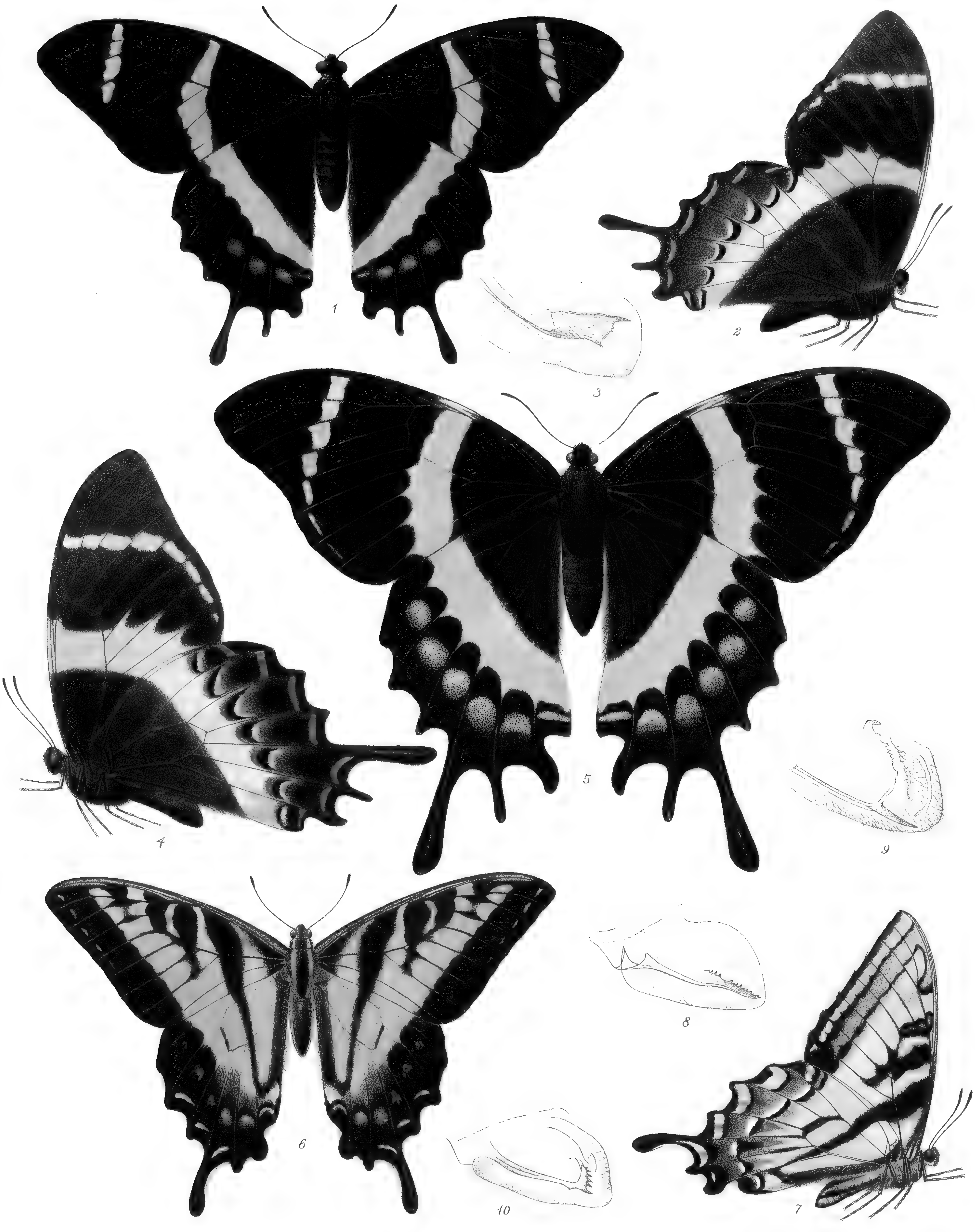
1,2,3♂ PAPILIO ZALATES.
4,5♂ " CEPHALUS.

6♂ PAPILIO PHAETON.

7♂ PAPILIO EUROTAS.
8,9,10♂ " BIRCHALLI.

W. Purkiss lith.

Hanhart imp.
561



1, 2 ♂ PAPILIO ELECTRYON.
3 ♂ " ASCLEPIUS.
4 ♂, 5 ♀ PAPILIO SYEDRA.
6, 7 ♂ " ALEXIARES.
8 ♂ " AMERICUS.
9 ♂ PAPILIO DAUNUS.
10 ♂ " PILUMNUS.

W Purkiss lith.
Hanhart imp.
562

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000
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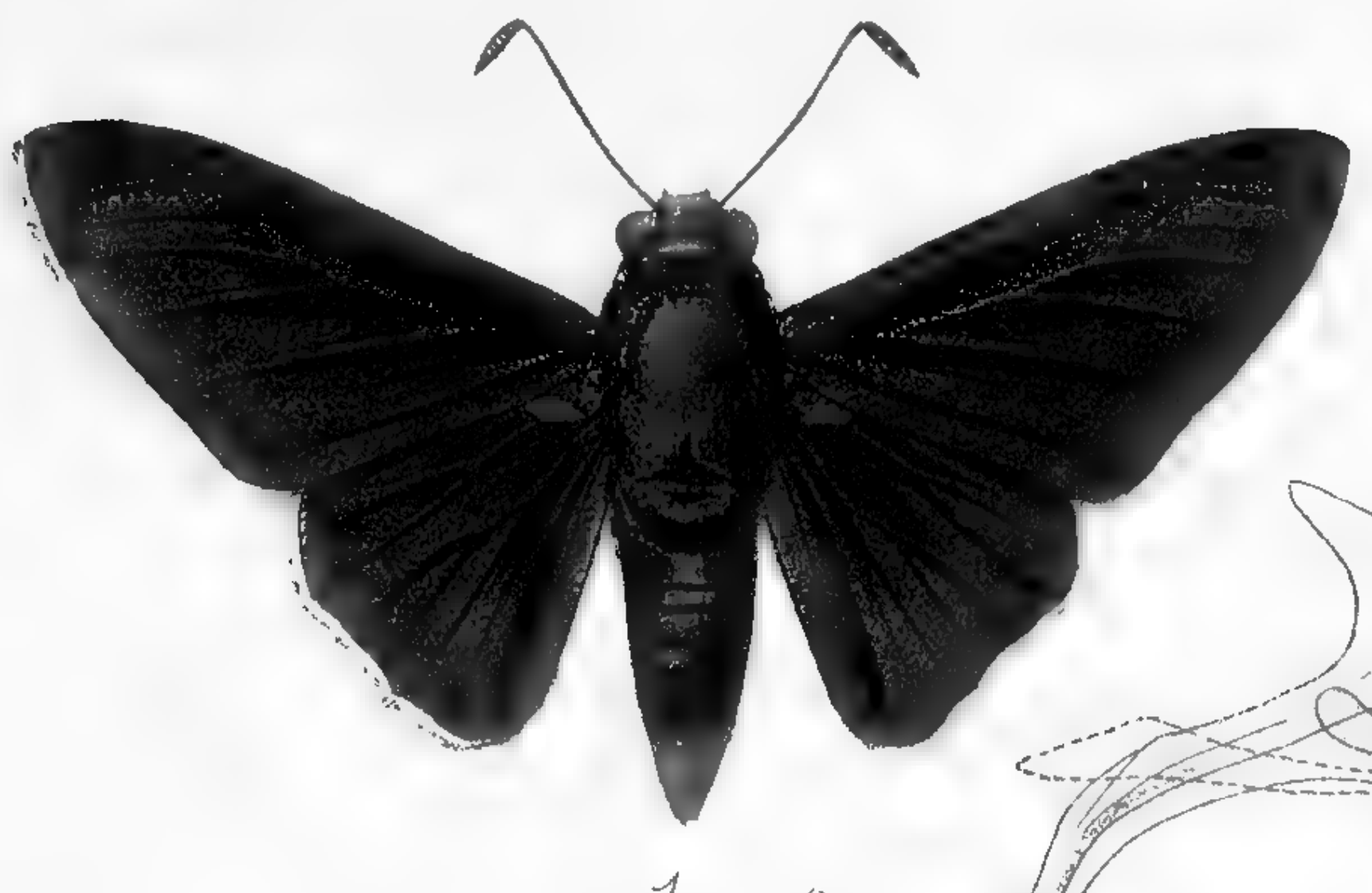
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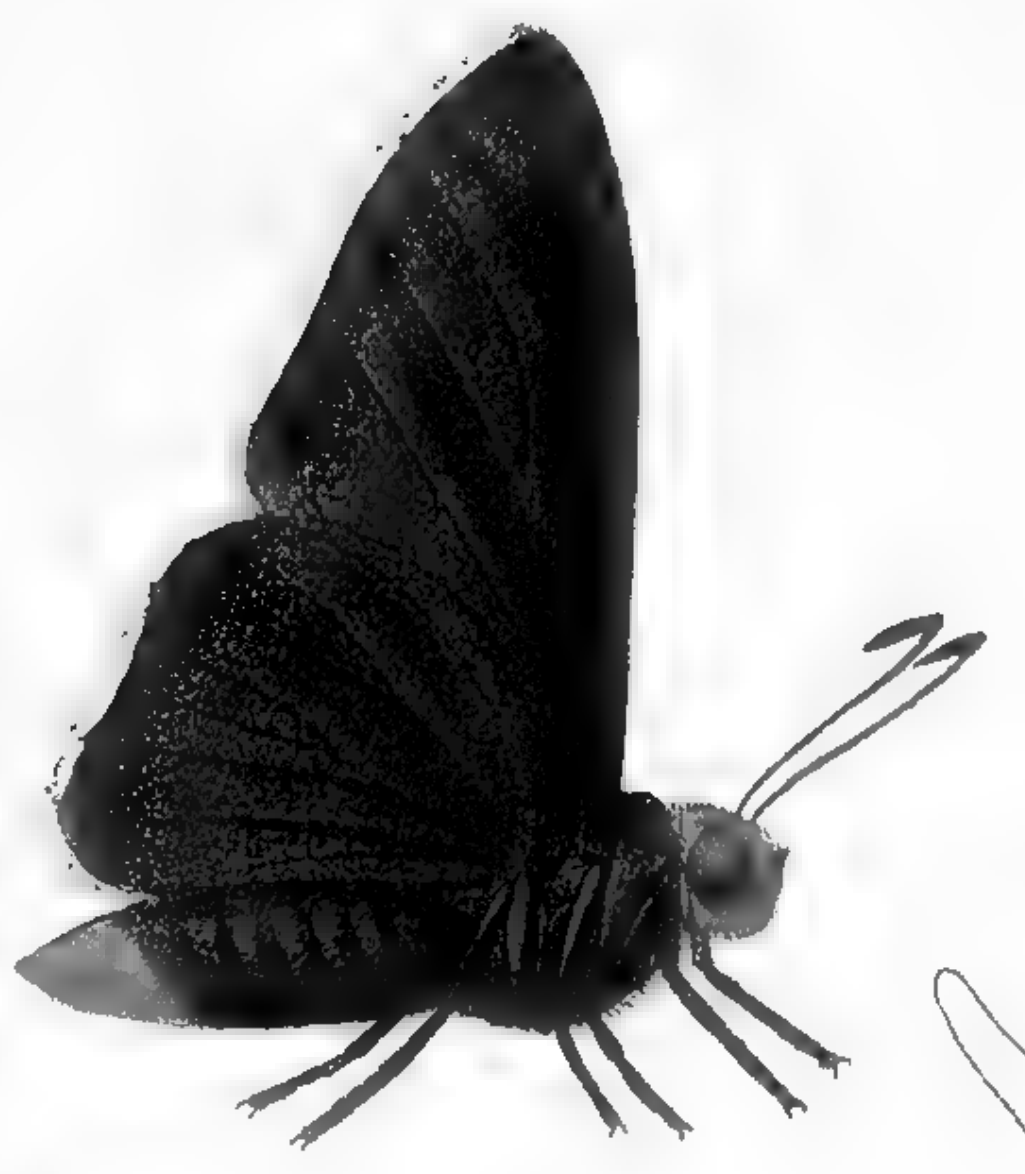
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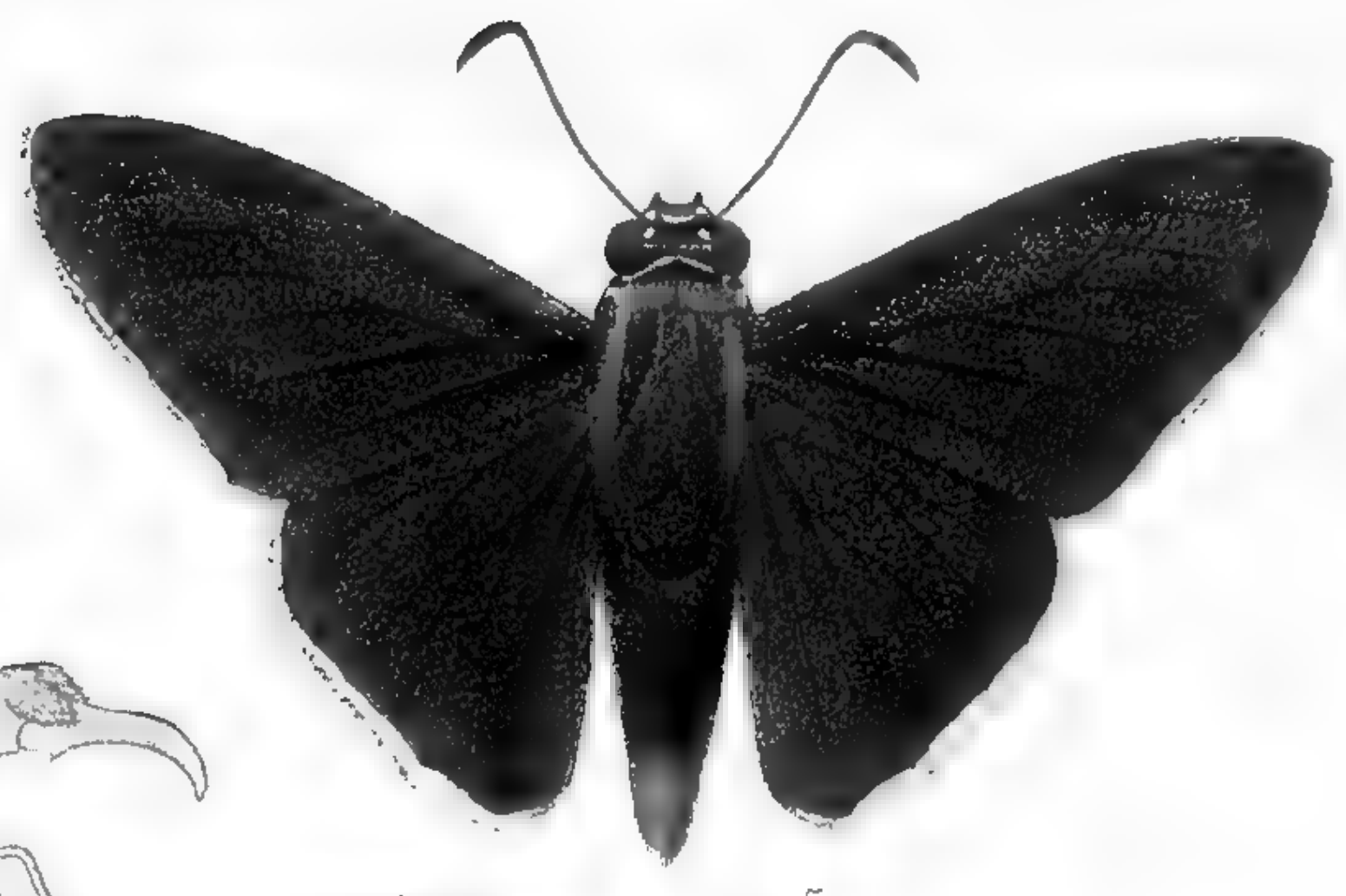
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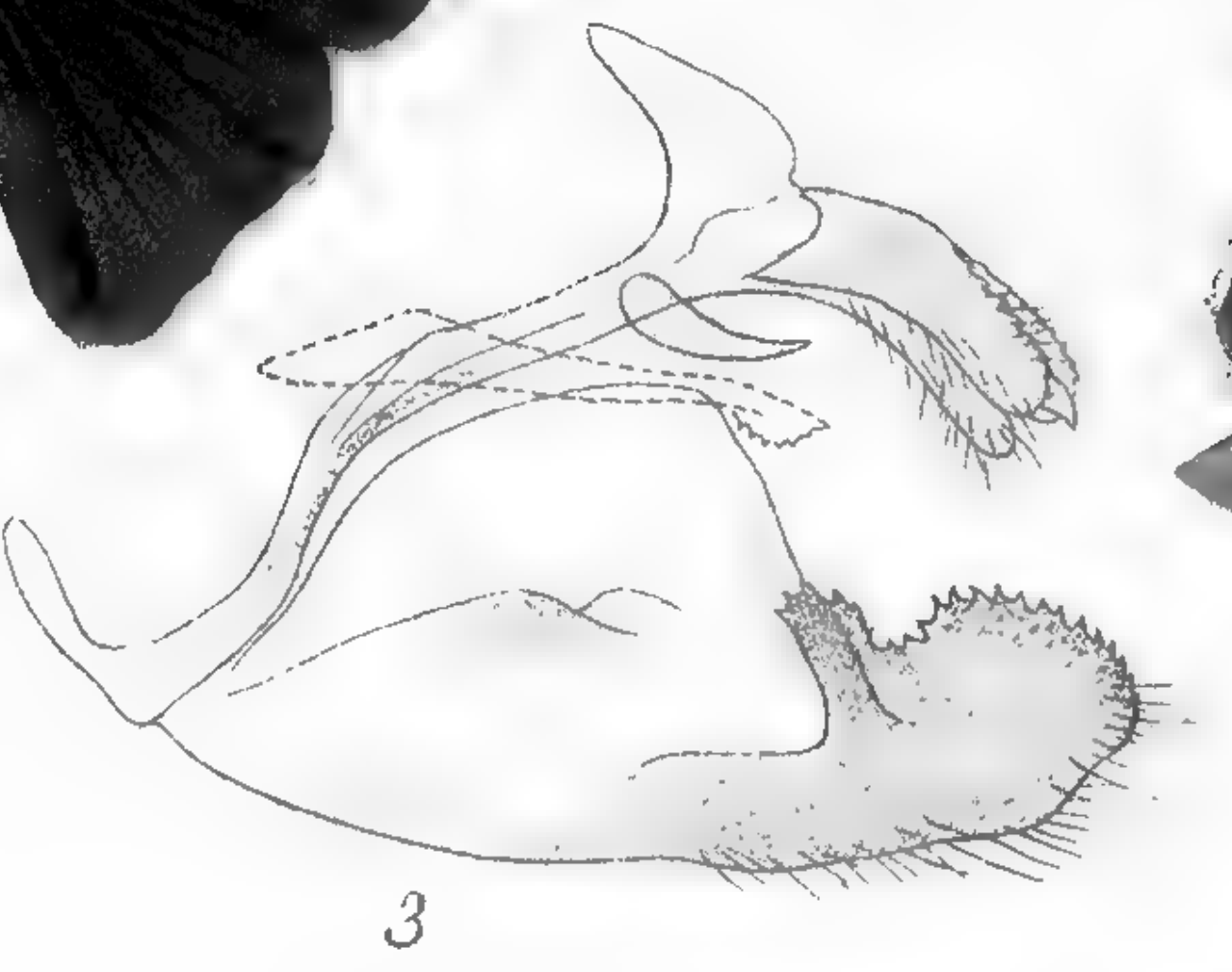
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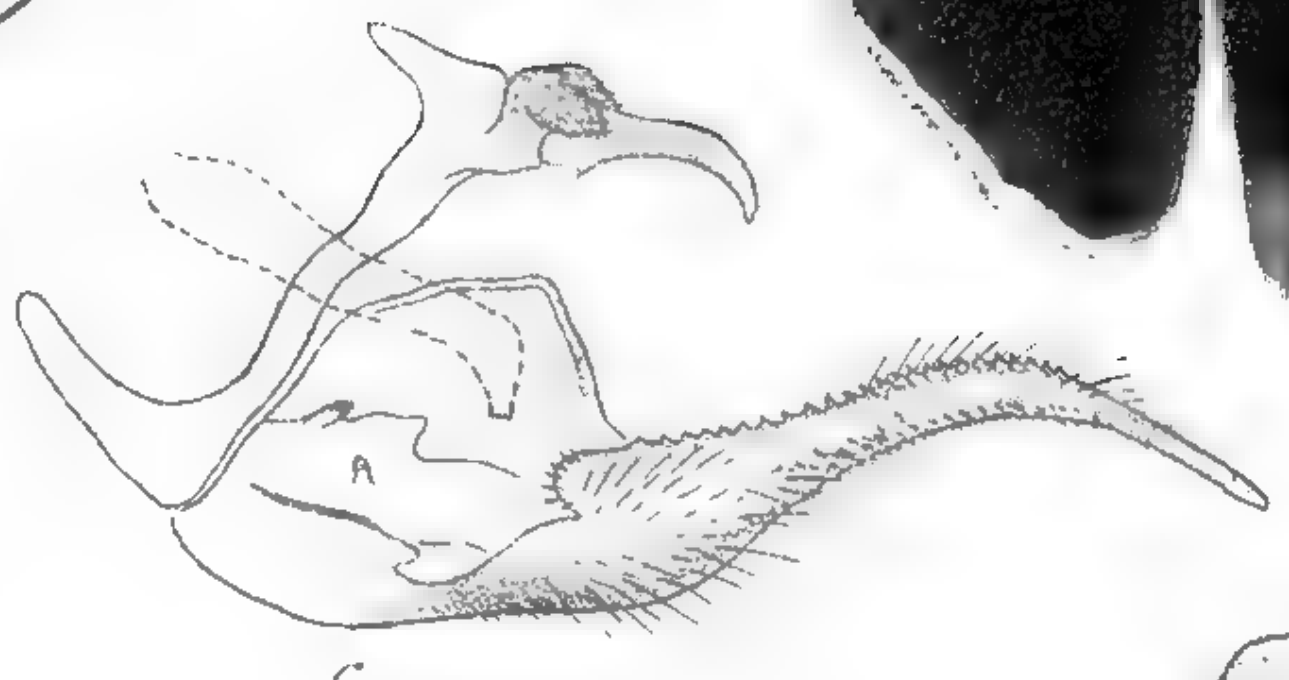
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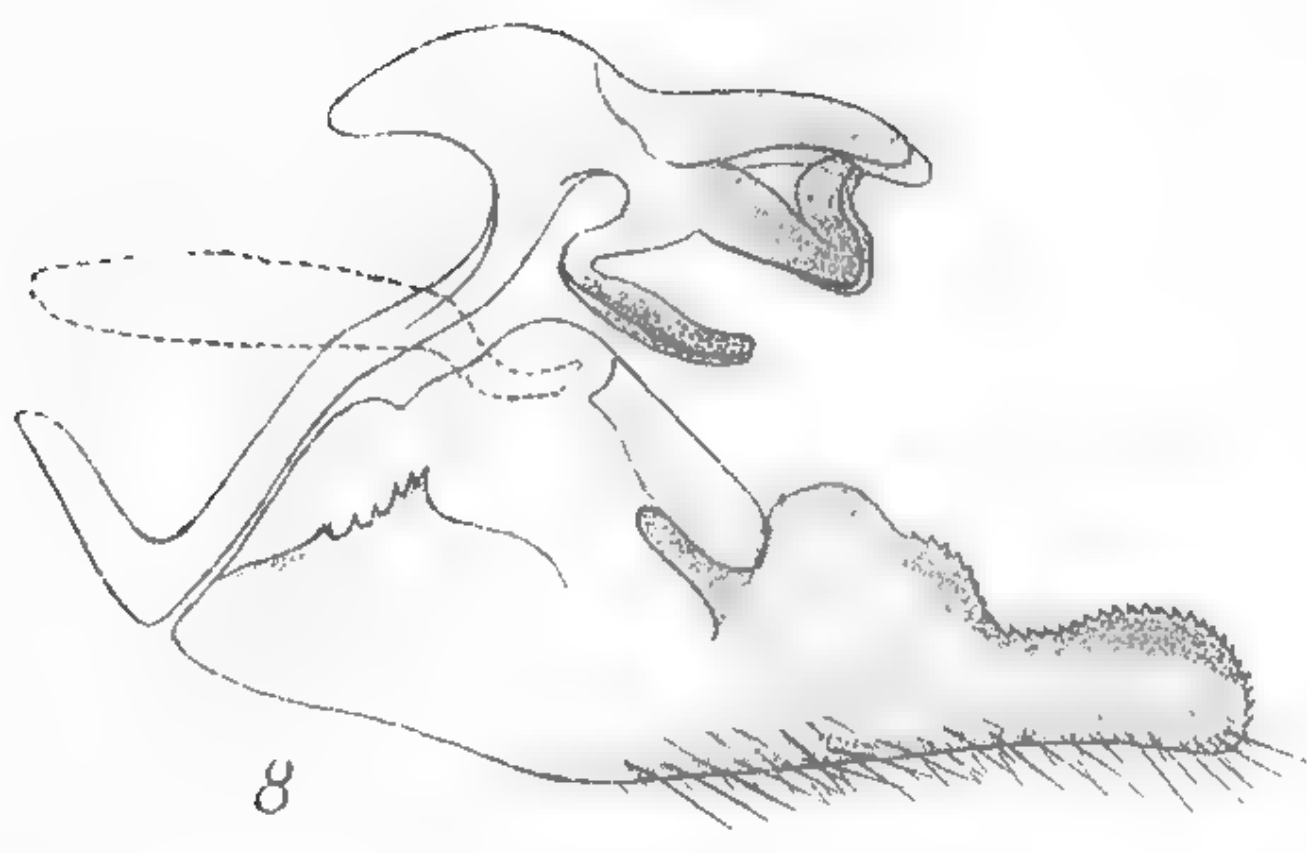
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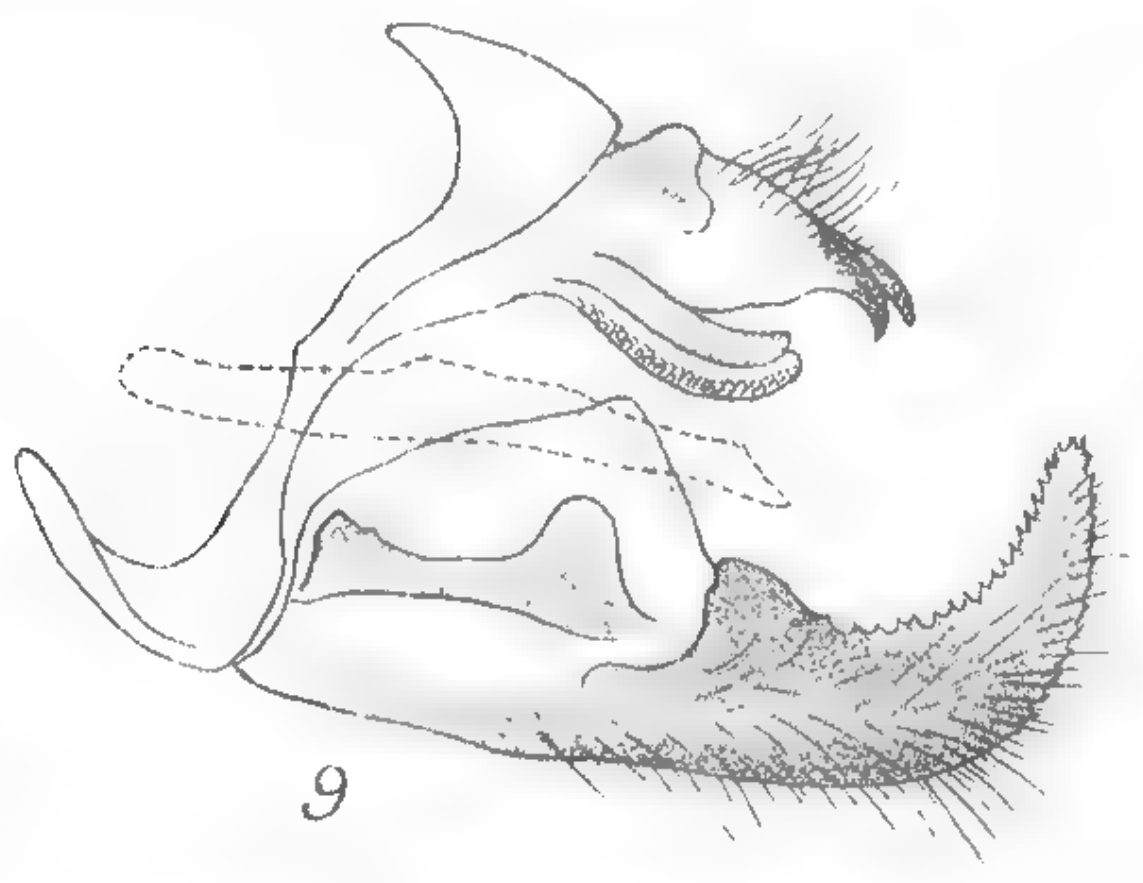
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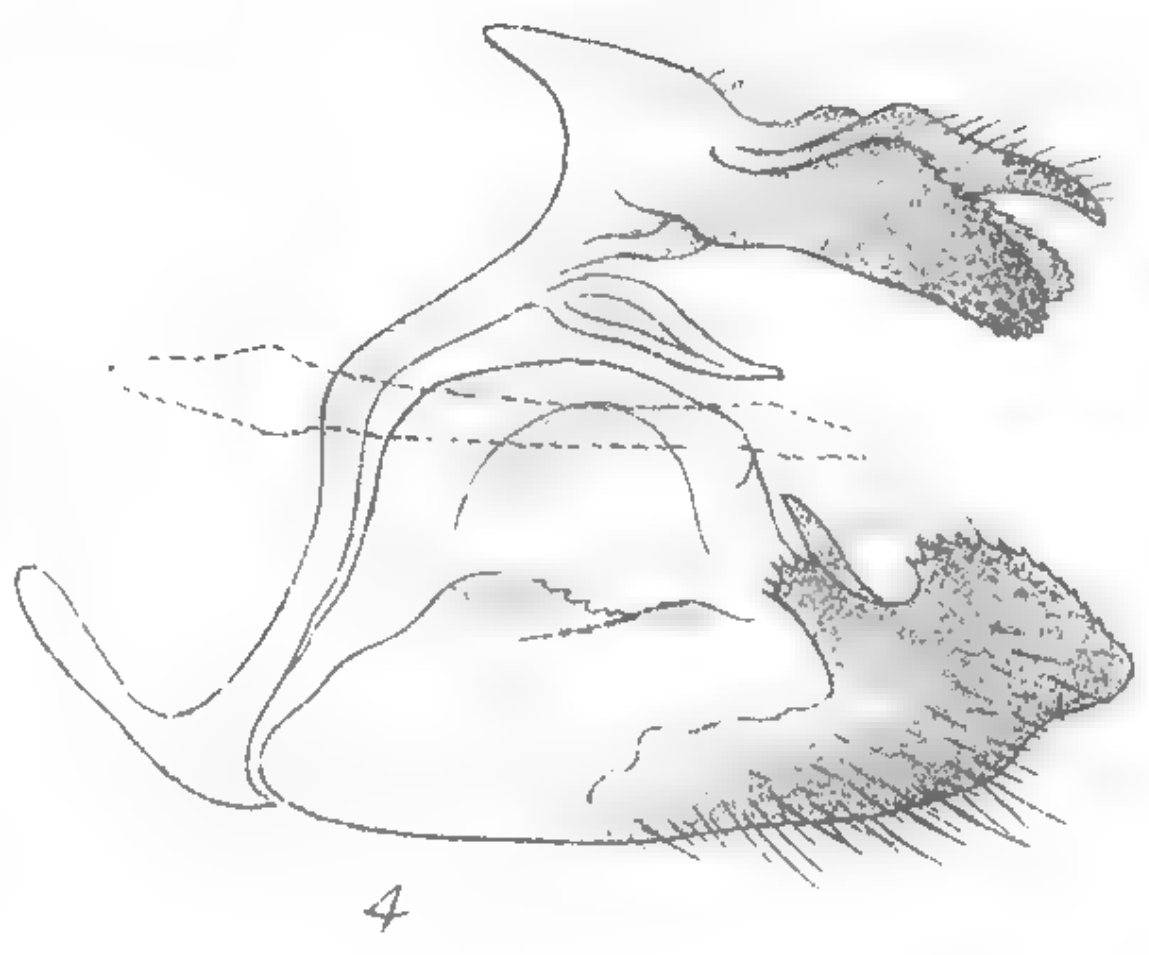
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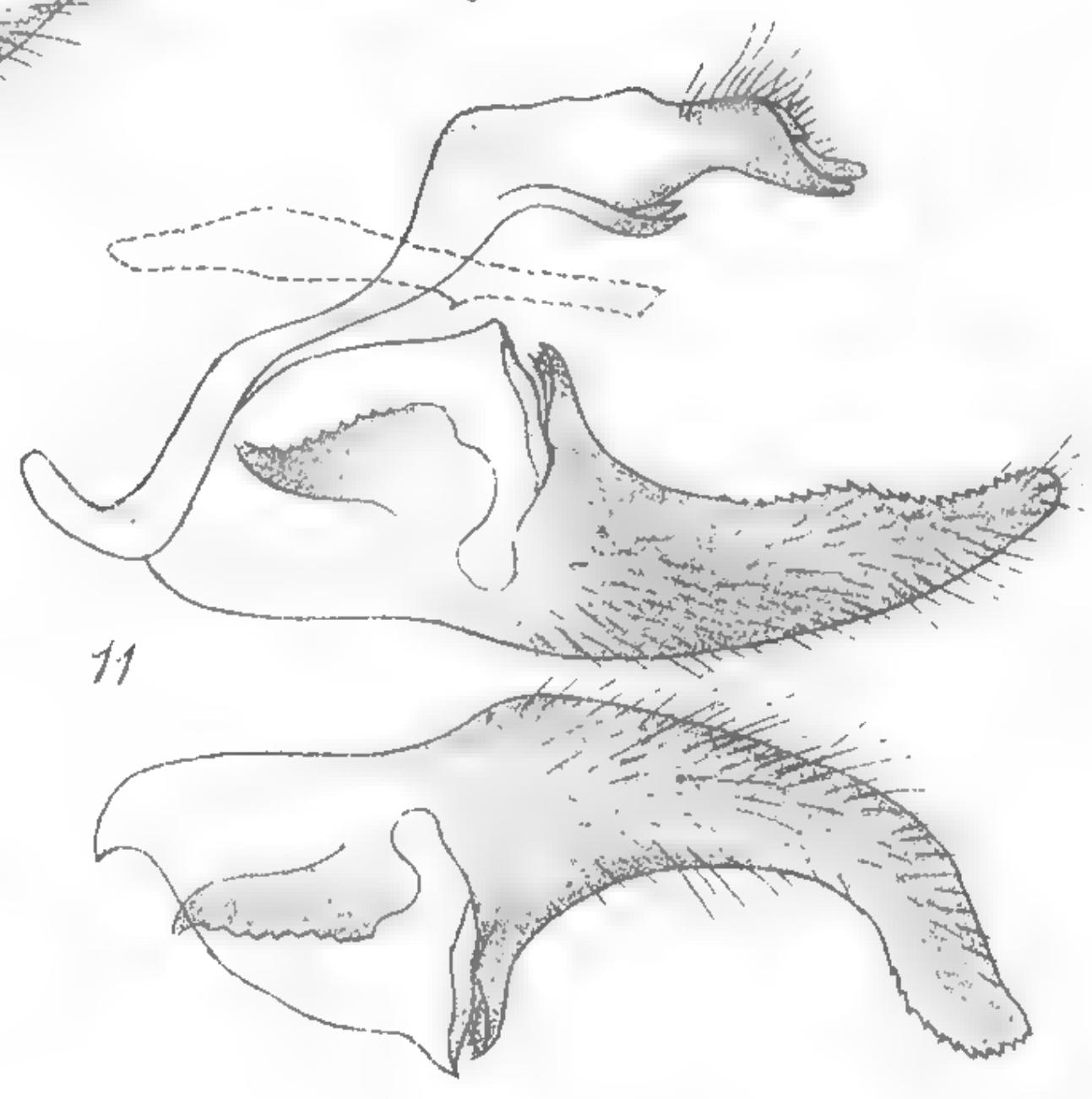
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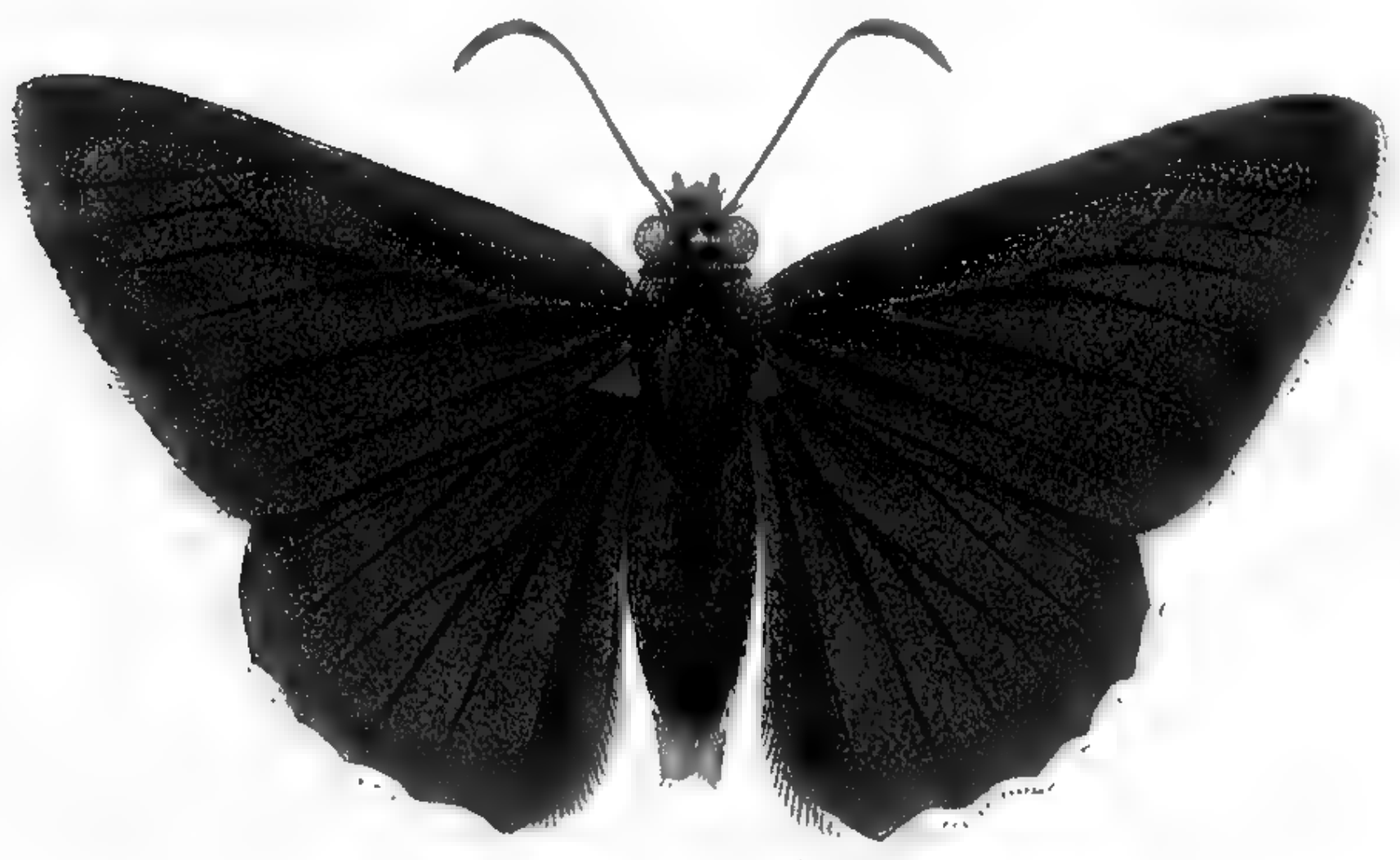
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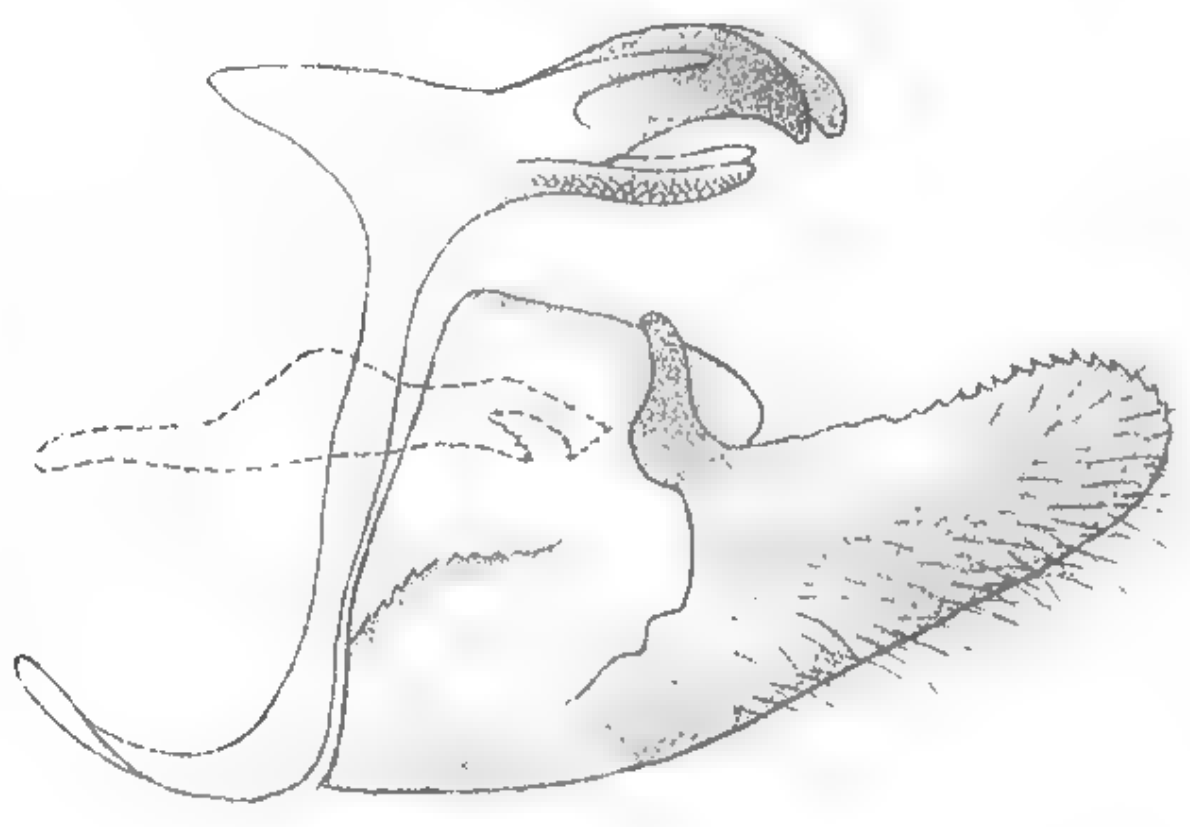
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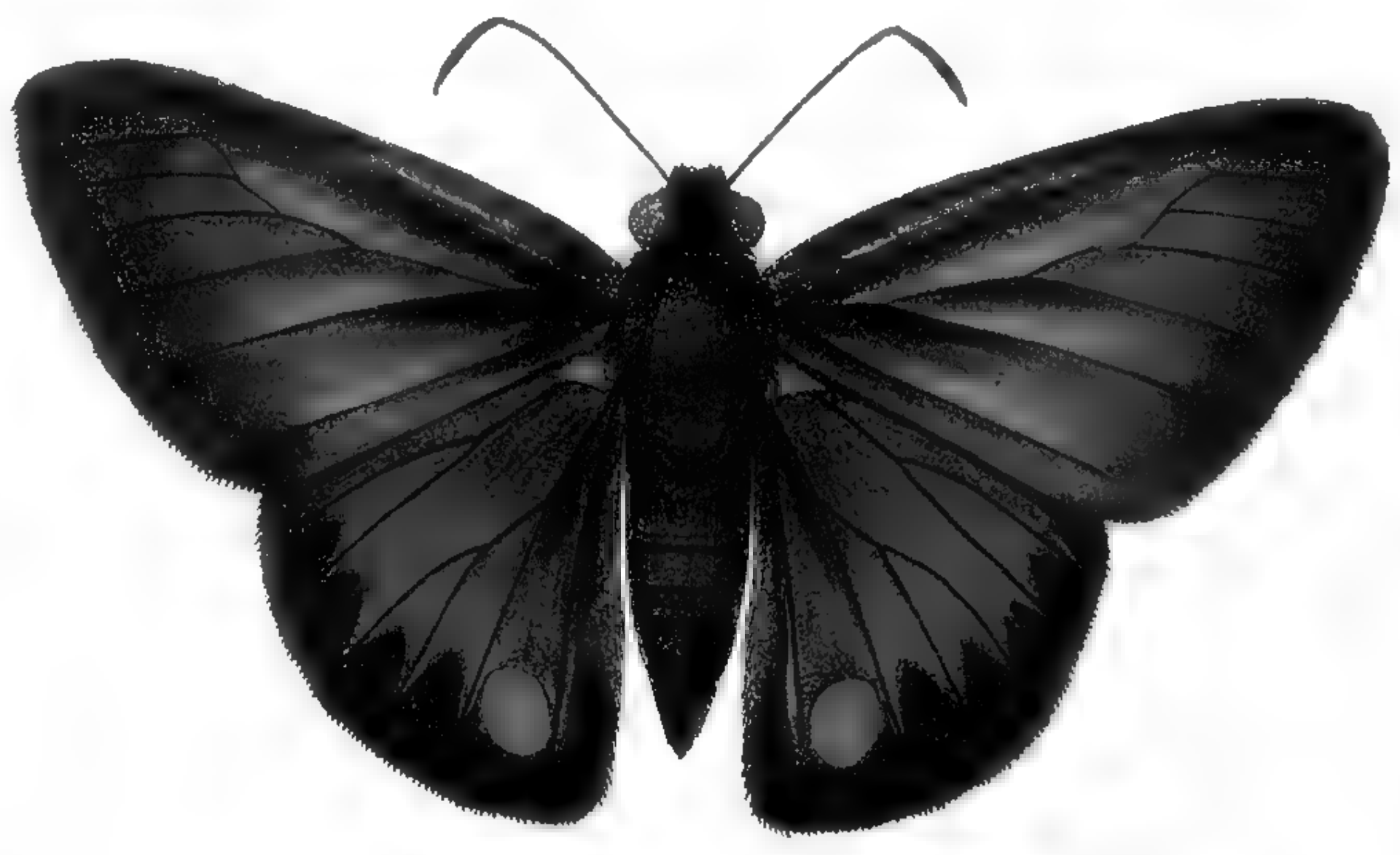
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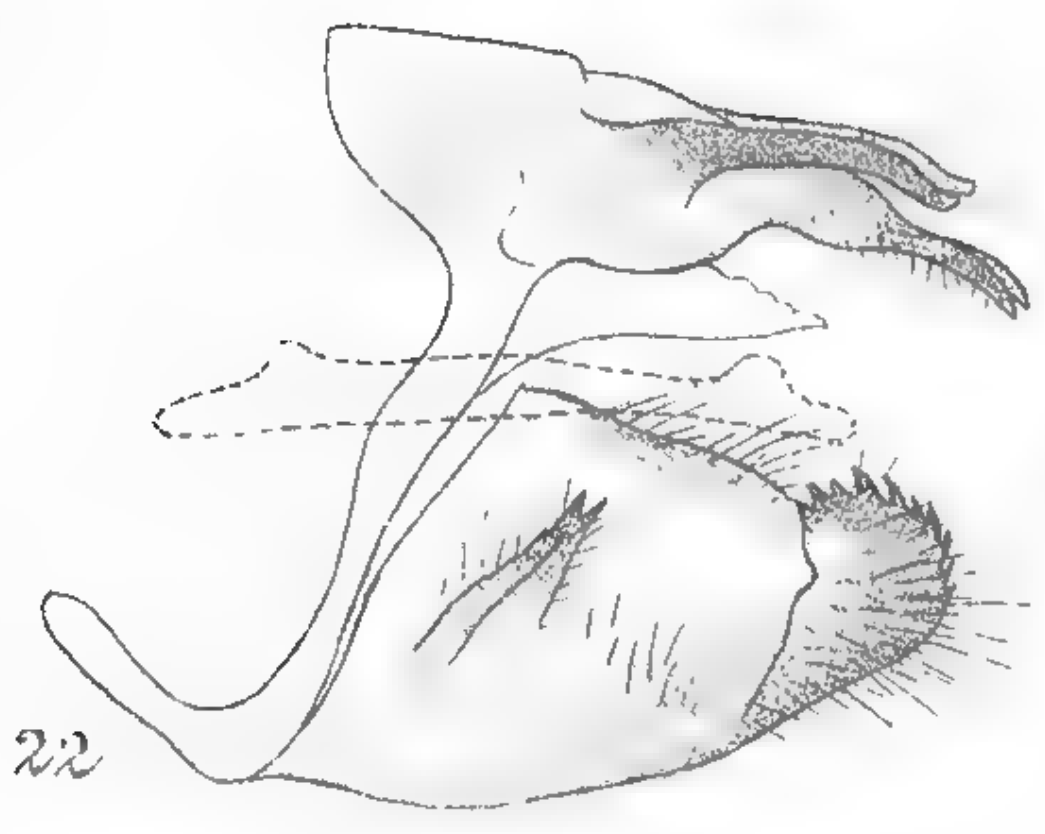
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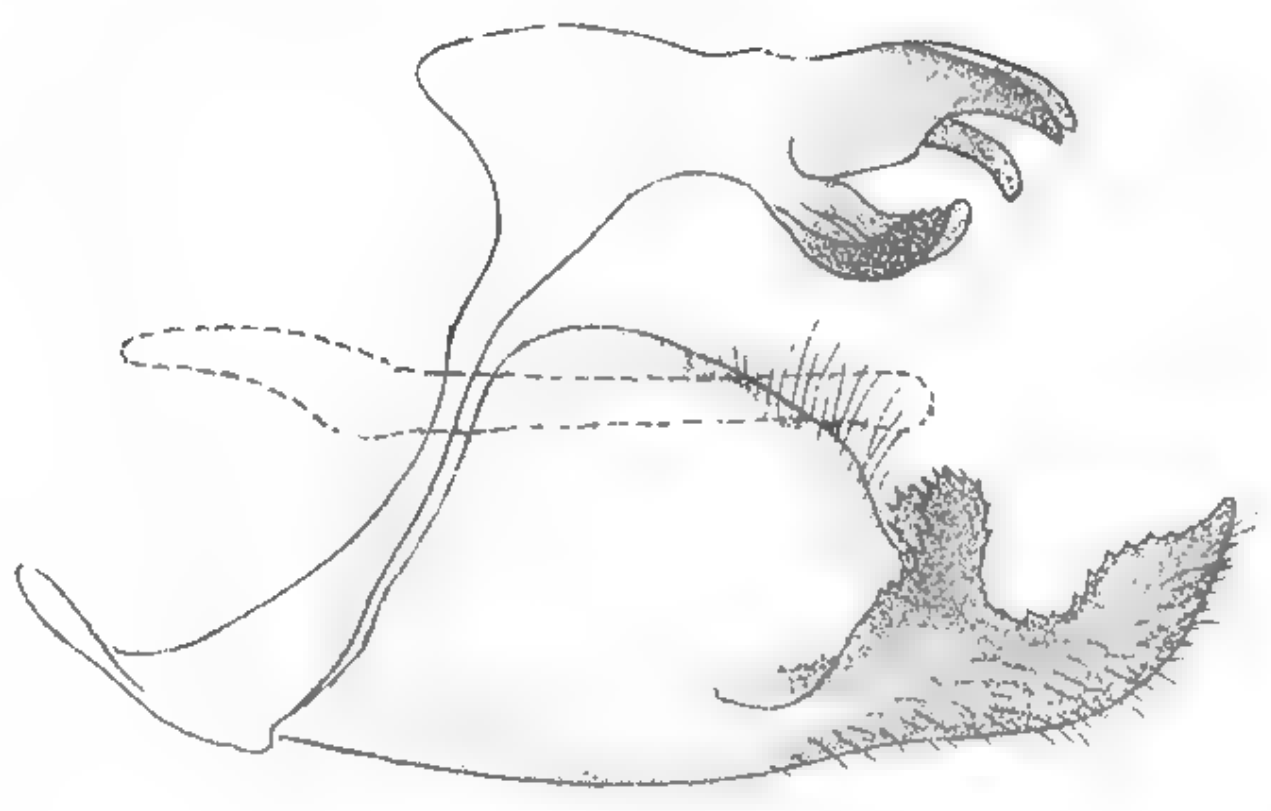
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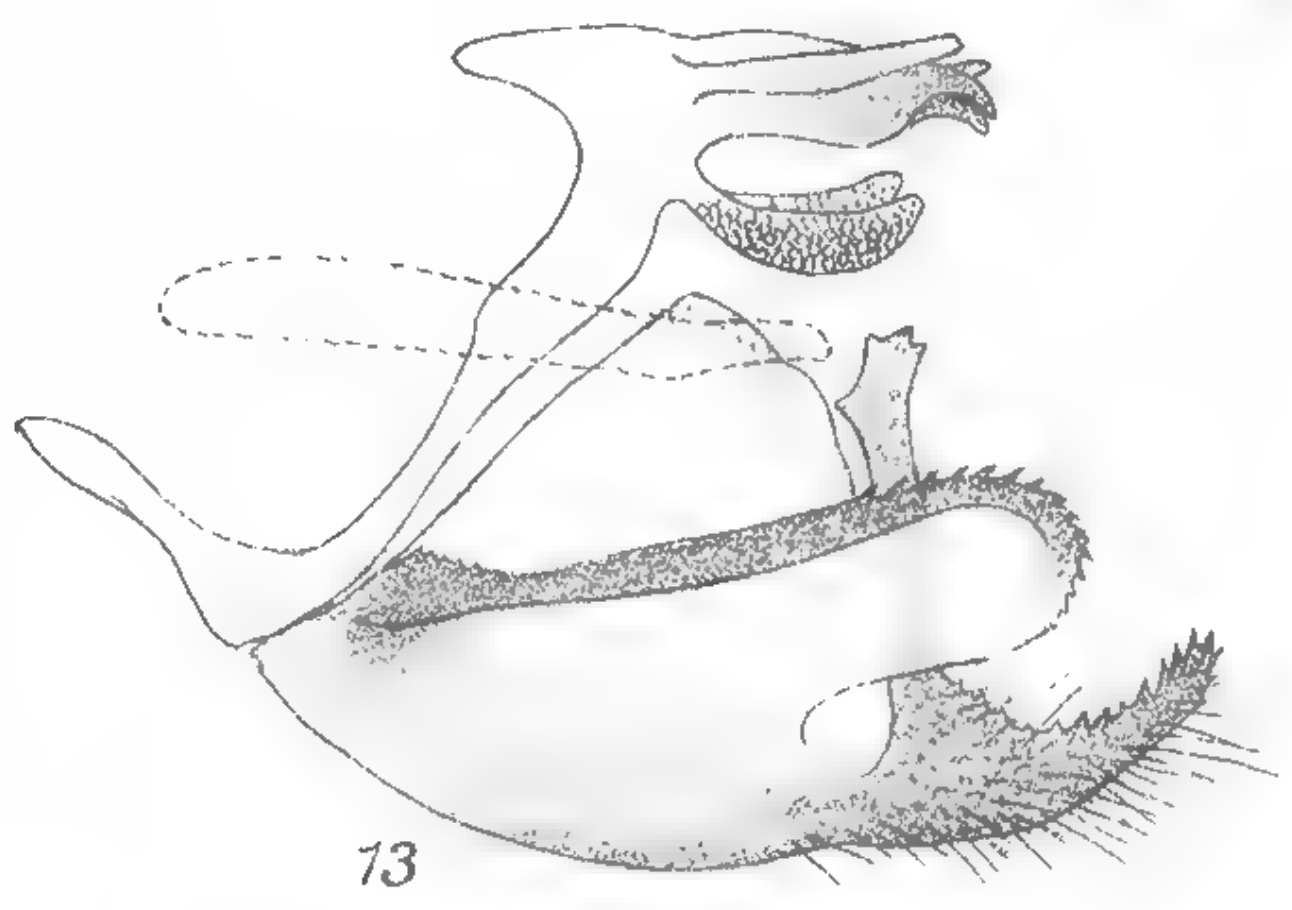
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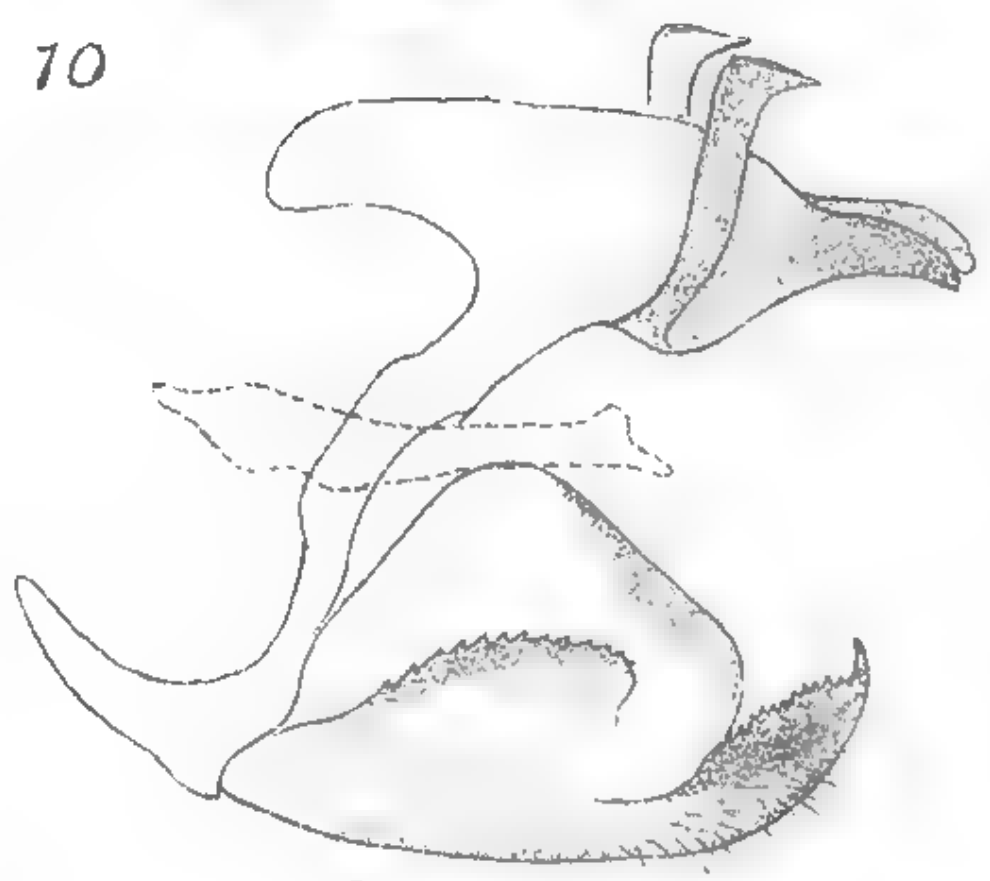
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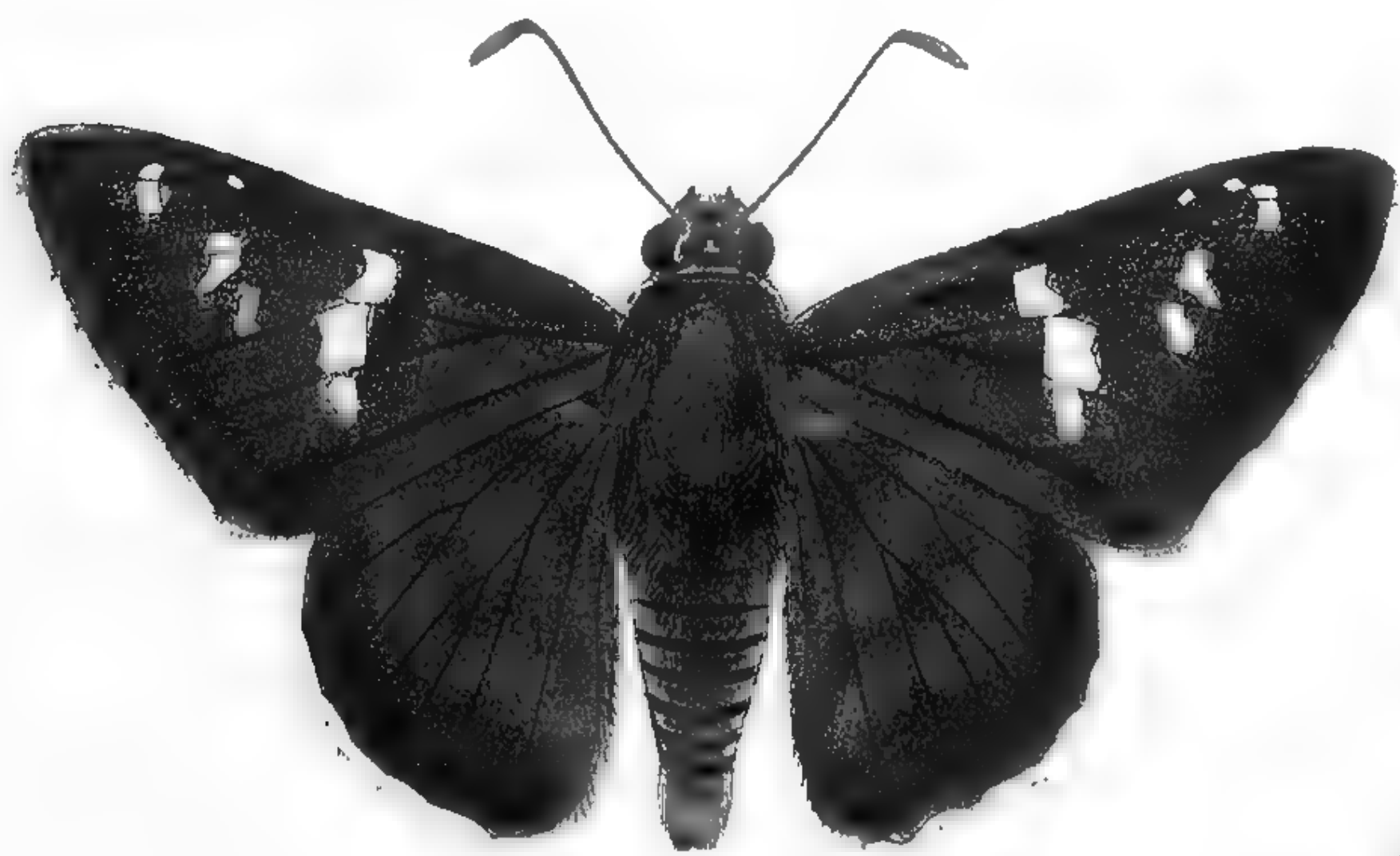
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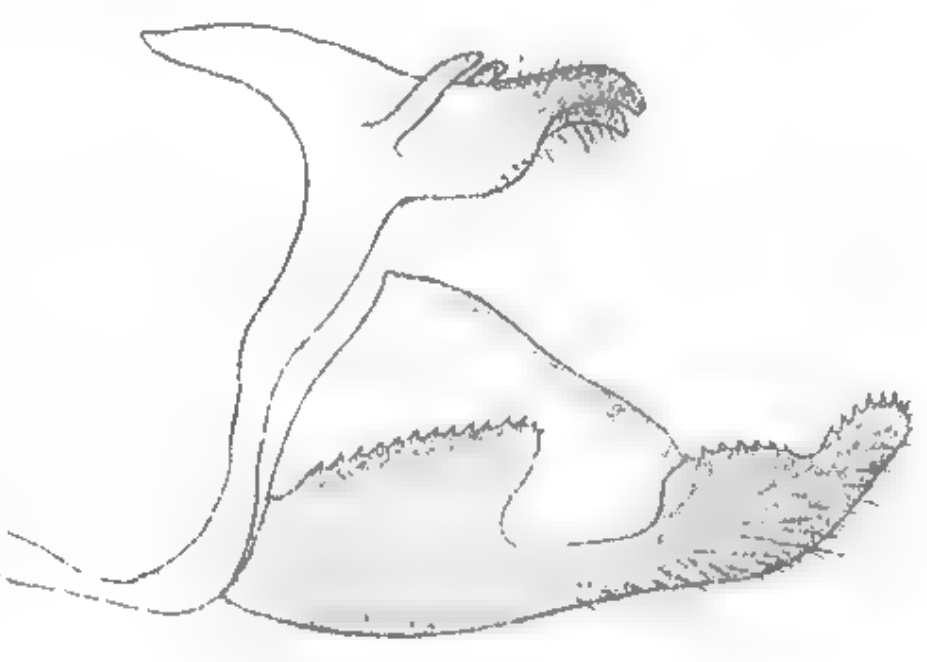
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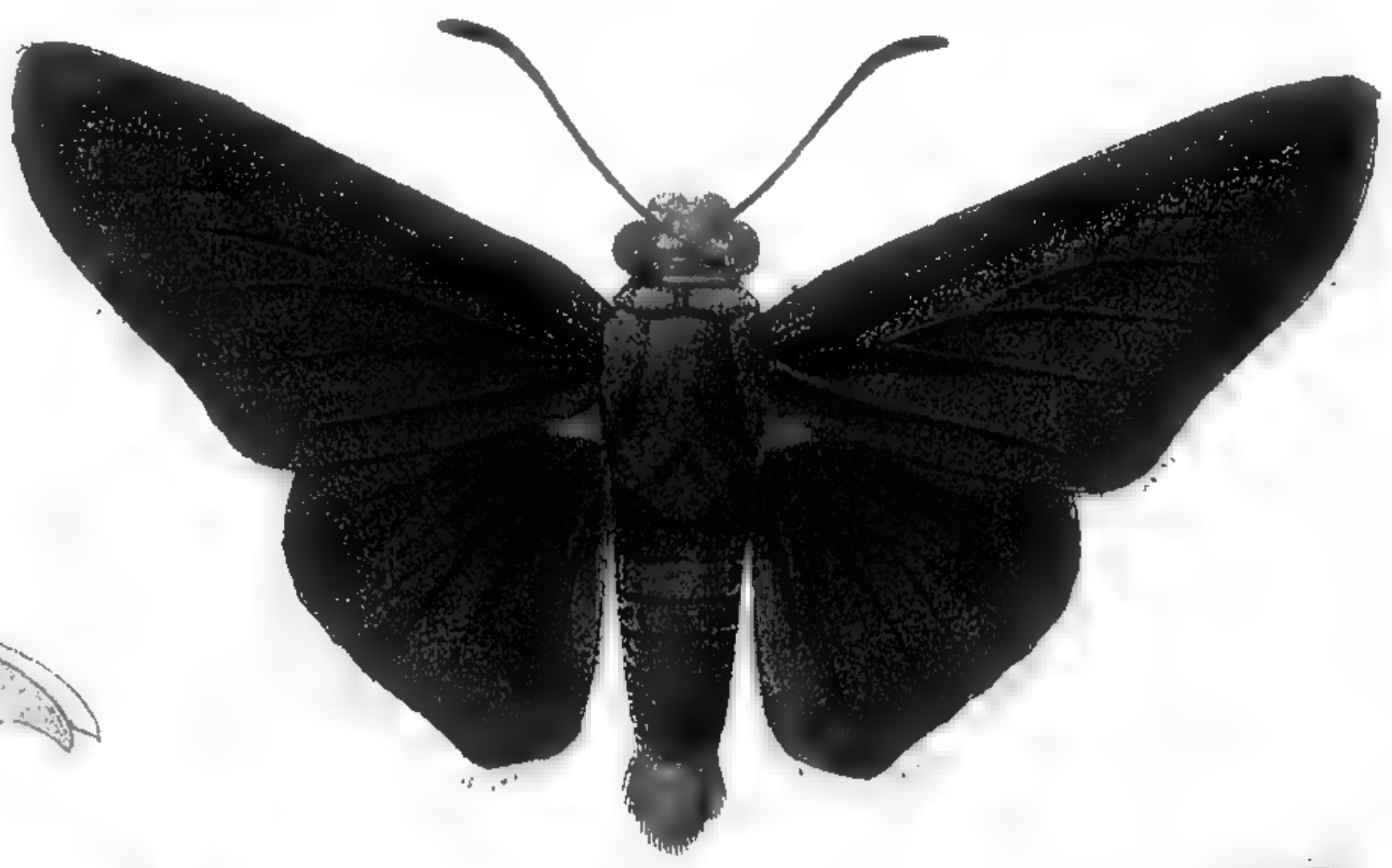
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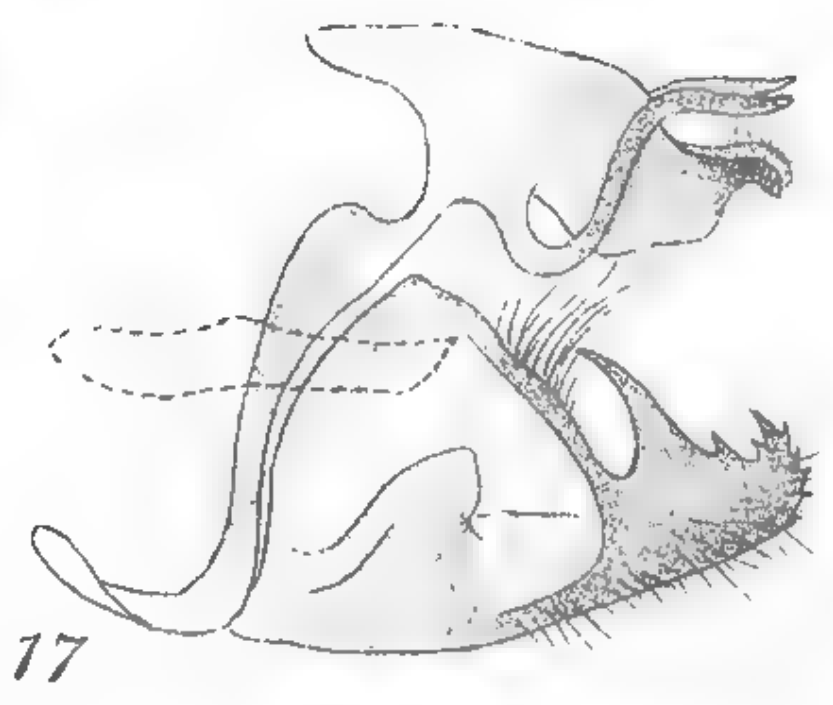
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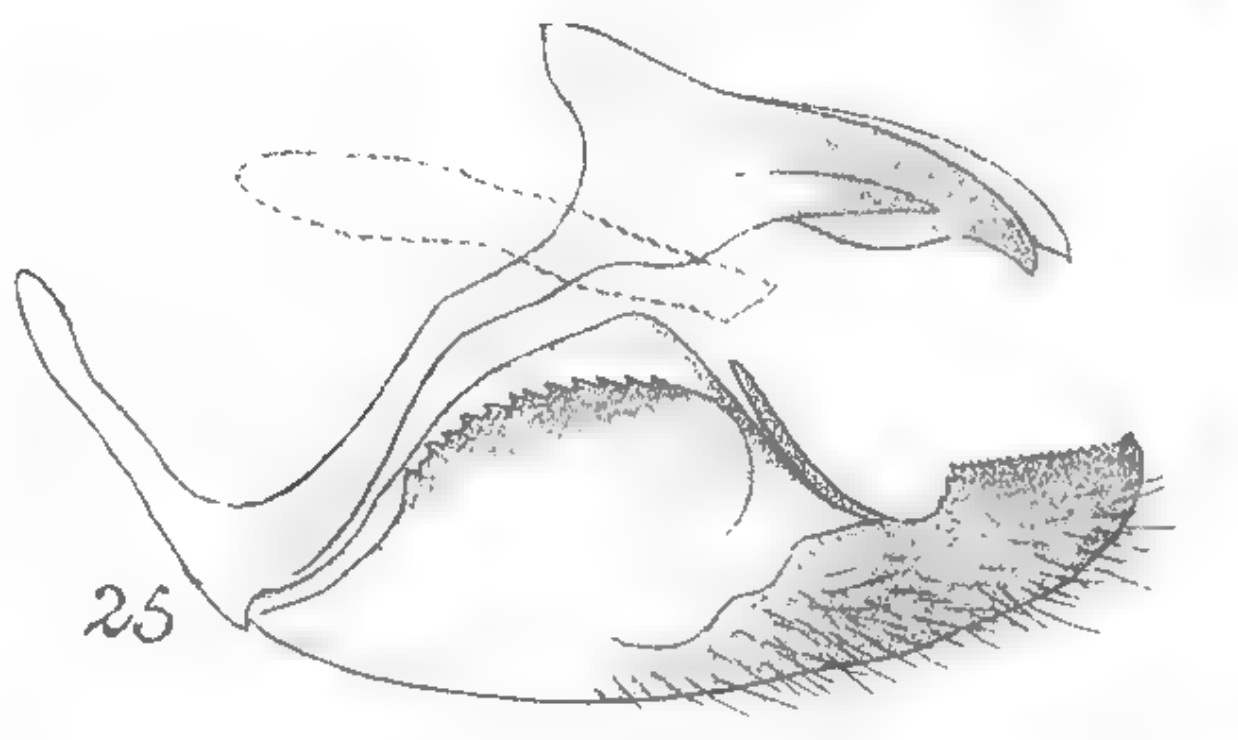
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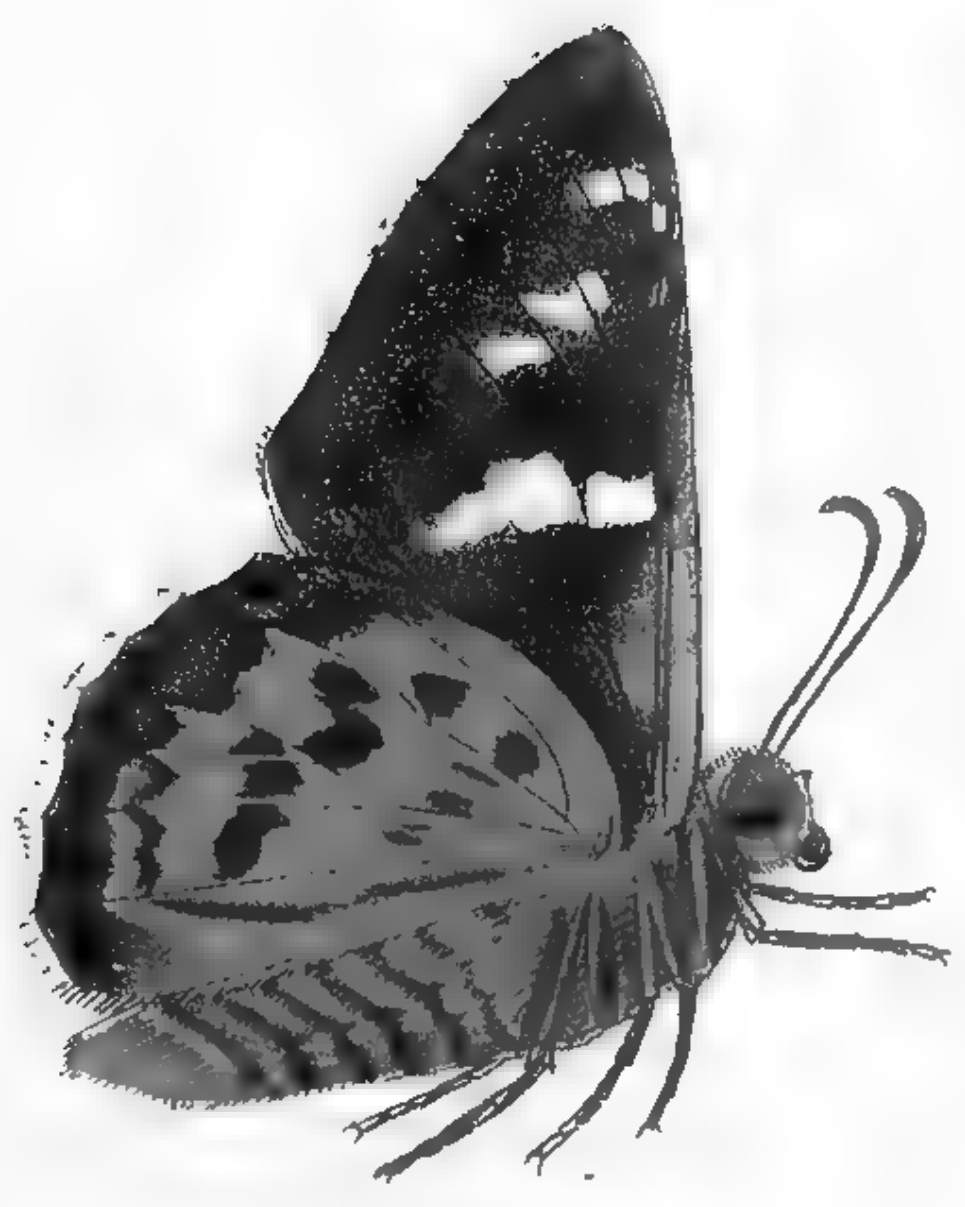
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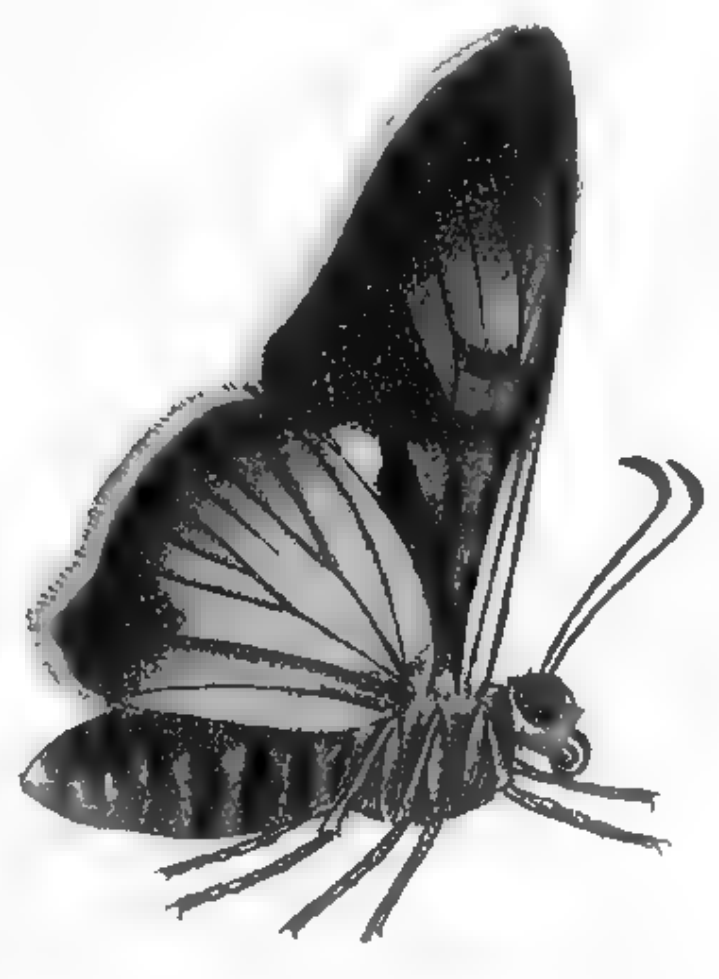
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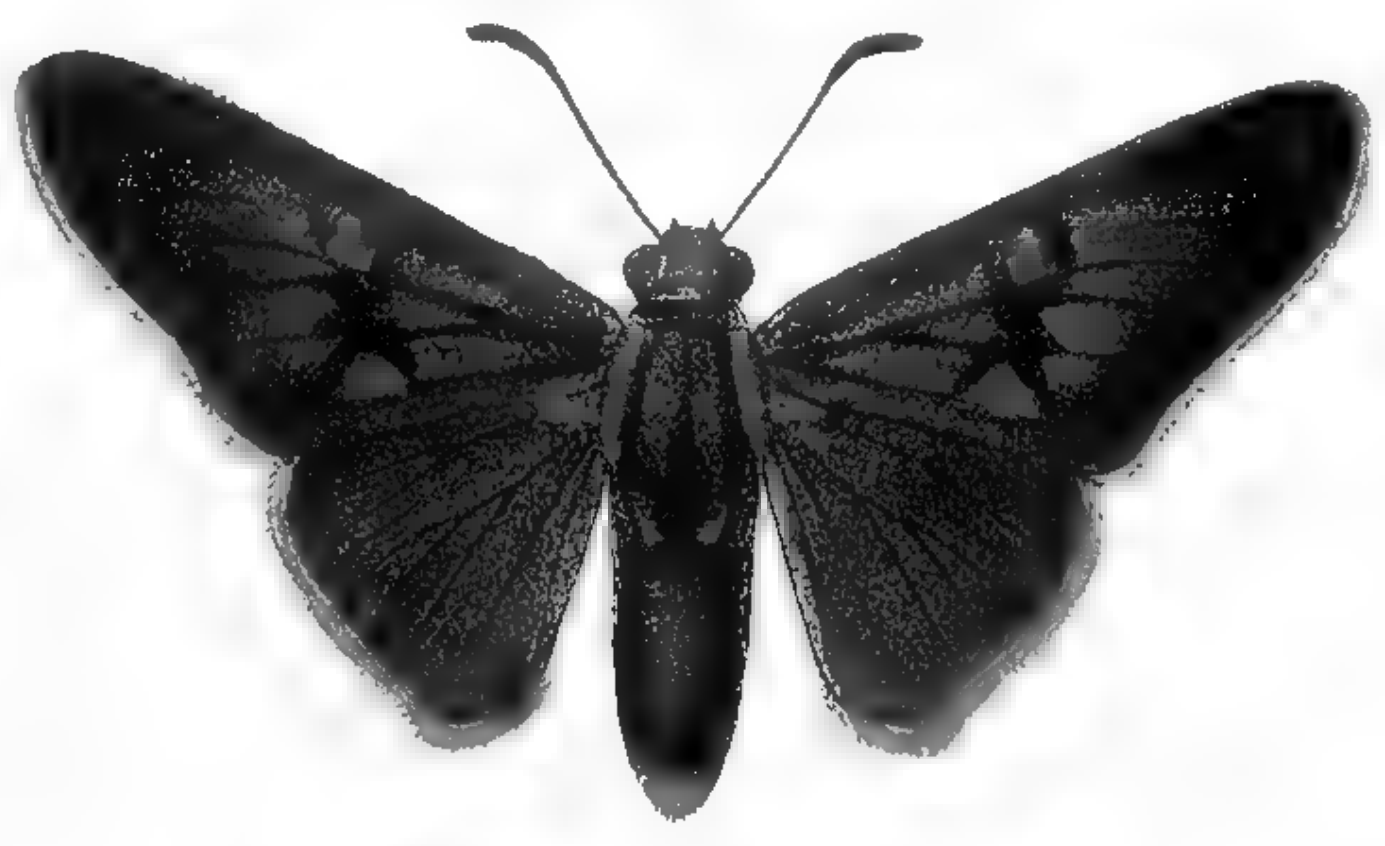
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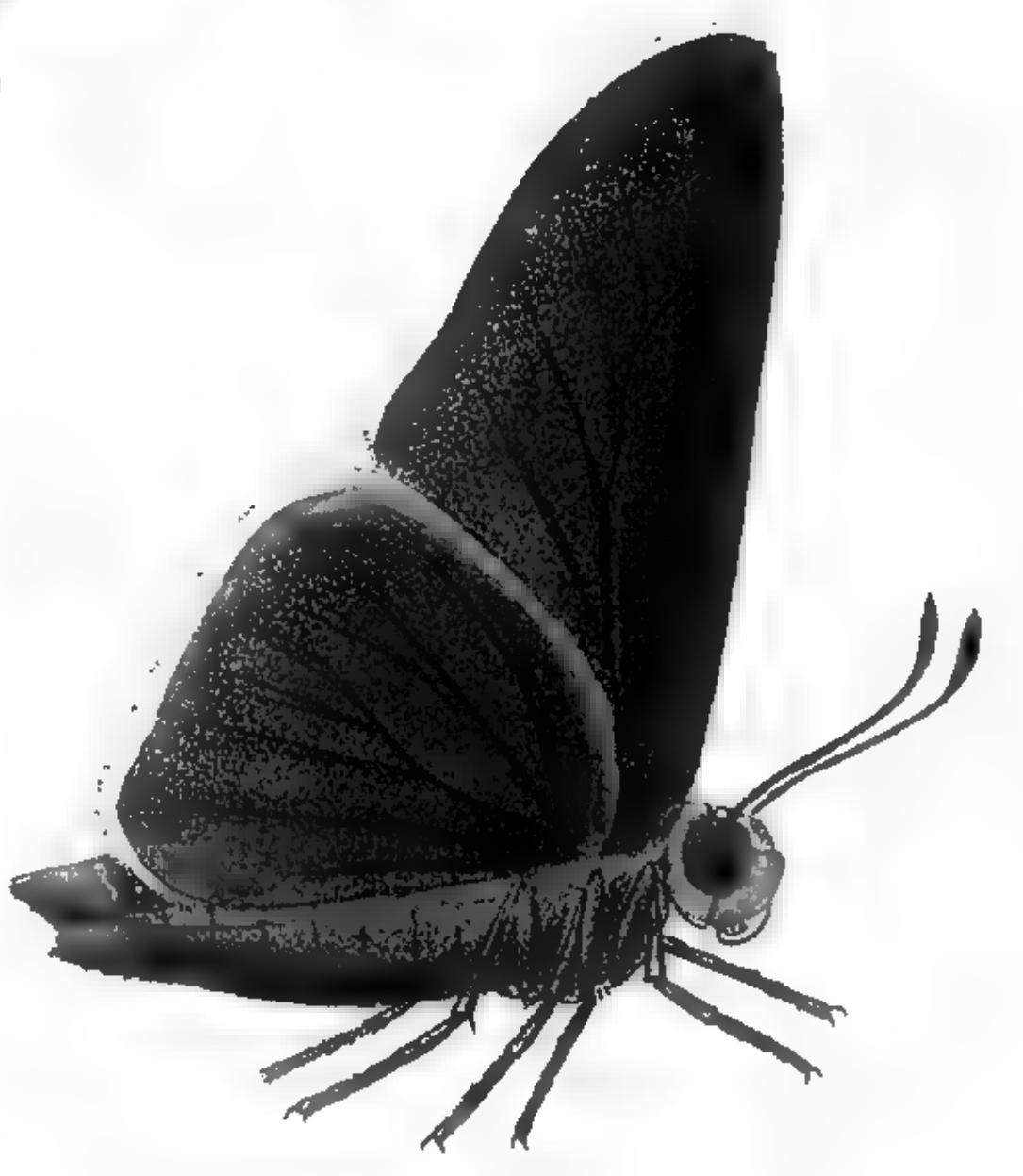
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4♂ " PHIDIAS.
5,6♂ " SCYLLA.
7♀,8♂ " JONAS.
9♂ " ÆSCULAPIUS.

10,11♂ PYRRHOPYGE CREON.
12♂ " CHALYBEA.
13♂ " ERYTHROSTICTA.
14,15,16♂ " ARAXES.
17♂ MYSORIA VENEZUELÆ.

18♂ MYSORIA AMRA.
19,20,21♂ " AFFINIS.
22♂ " GALGALA.
23,24♂ AMENIS PONINA.
25♂ " PIONIA.

W. Purkiss lith.
Hanhart imp.
610.

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Kodak
LICENSED PRODUCT
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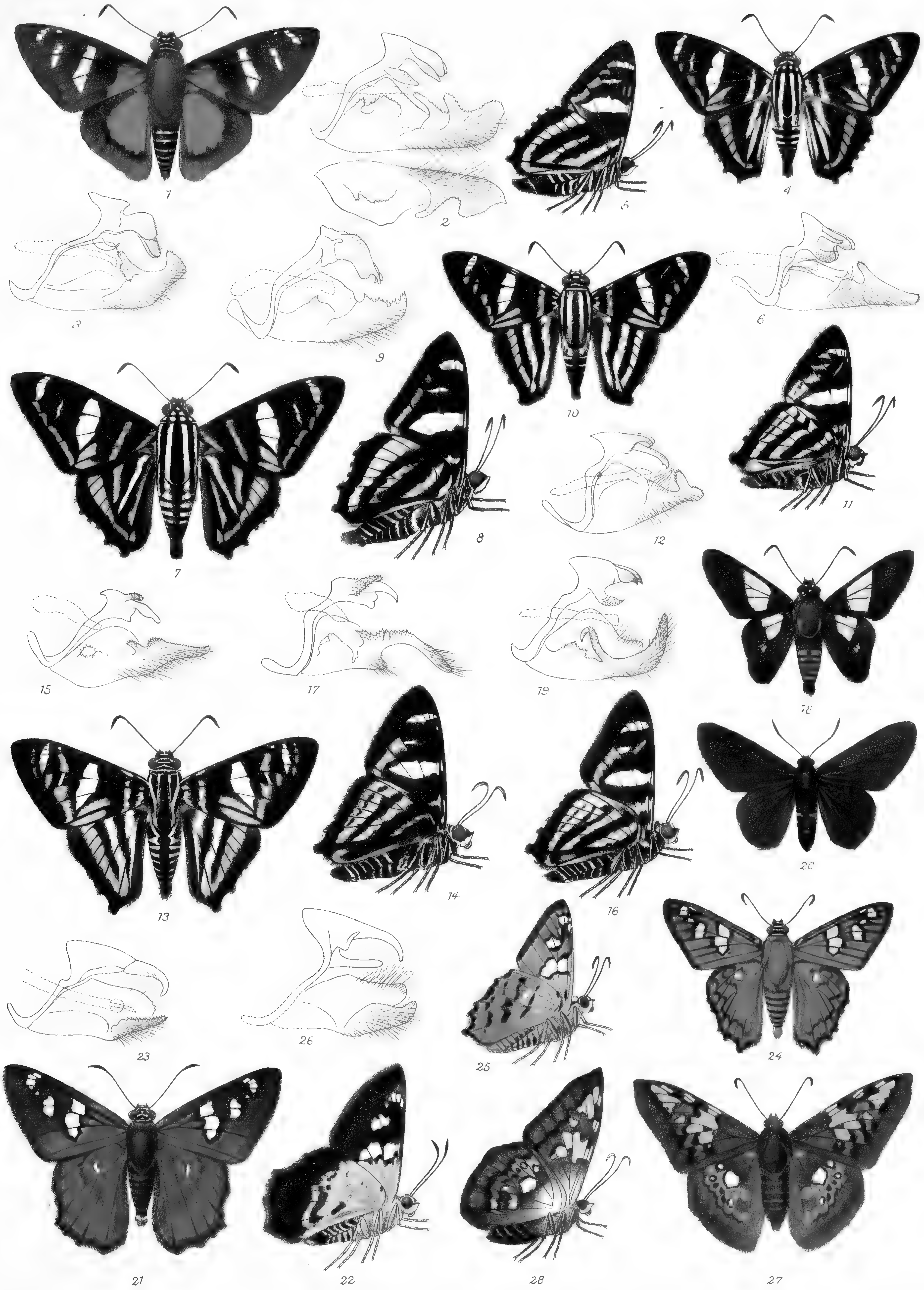
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1,2♂ YAÑGUNA COSYRA.
3♂ " CRIDA.
4,5,6♂ JEMADIA HOSPITA.
7,8,9♂ " HEWITSONI.

10,11,12♂ JEMADIA MACLEANNANI.
13,14,15♂ " PATROBAS.
16,17♂ " AZETA.
18♂ OXYNETRA HOPFFERI.
19♂ " FELDERI.

20♀ OXYNETRA ANNULATA.
21,22,23♂ MYSCELUS BELTI.
24,25,26♂ " HAGES.
27,28 AZONAX TYPHAON.

W. Purkiss lith.   Hanhart imp.

Blue
Cyan
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KODAK Color Control Patches
© The Tiffen Company, 2000
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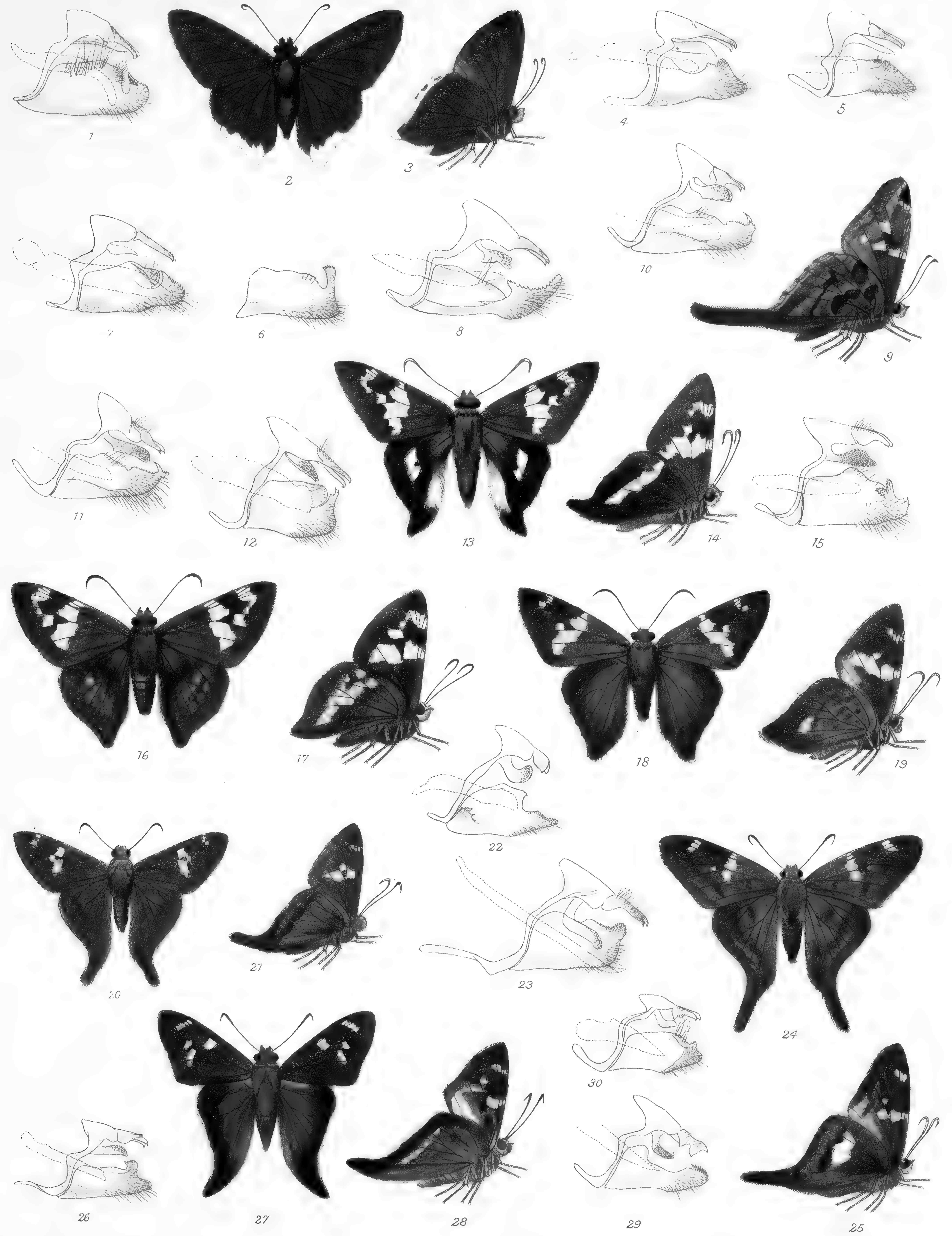
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1♂ EUDAMUS SIMPLICIUS.
2,3 " CHALES.
4♂ " CHALCO.
5♂ " PROTEUS.
6♂ " ESMERALDUS.
7♂ " DORANTES.

8♂ EUDAMUS ZILPA.
9,10♂ " CATILLUS.
11♂ " ALBOFASCIATUS.
12♂ " ALCÆUS.
13,14,15♂ " RIDENS.
16,17 " CRISON.
18,19 " MILTAS.

20,21,22♂ EUDAMUS AUGINULUS.
23♂ " OCTOMACULATUS.
24,25 " ALCIPHRON.
26♂ " AUGINUS.
27,28,29♂ " METALLESCENS.
30♂ " UNDULATUS.

W. Purkiss lith.
Hanhart imp
618.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches
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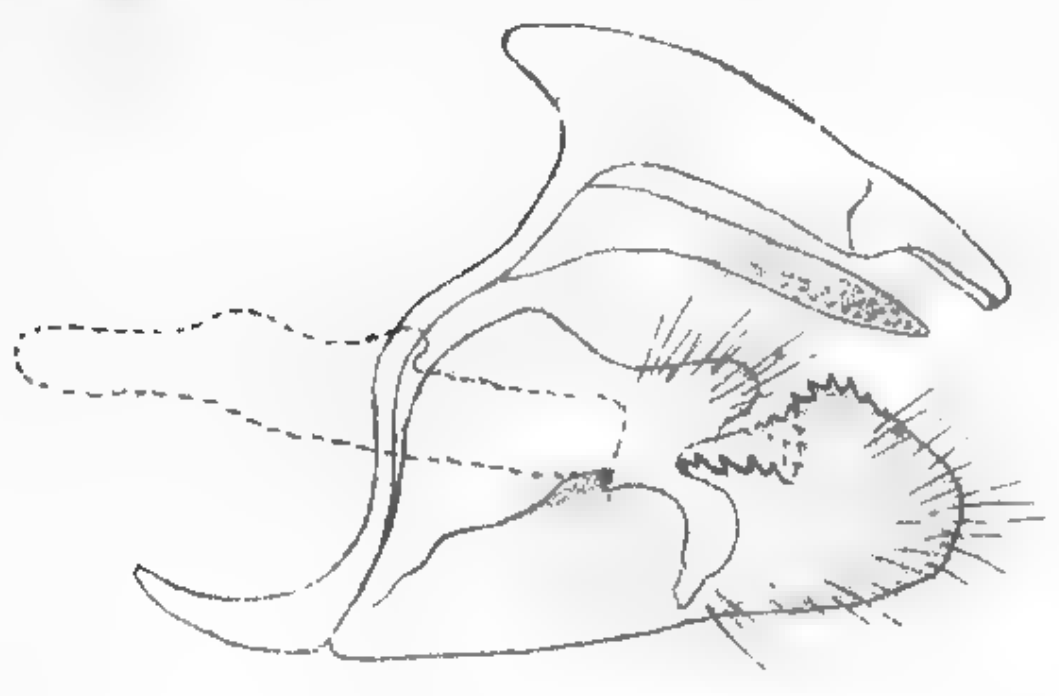
Kodak LICENSED PRODUCT
Centimetres
Inches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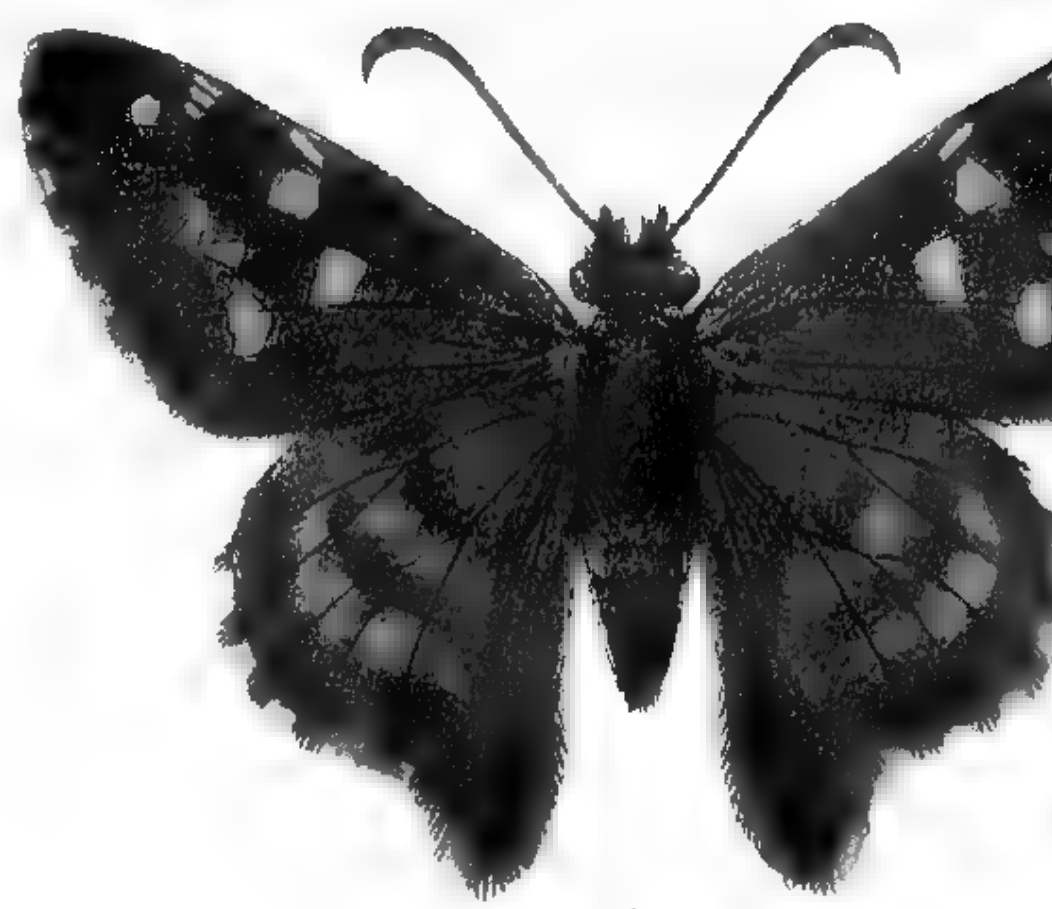
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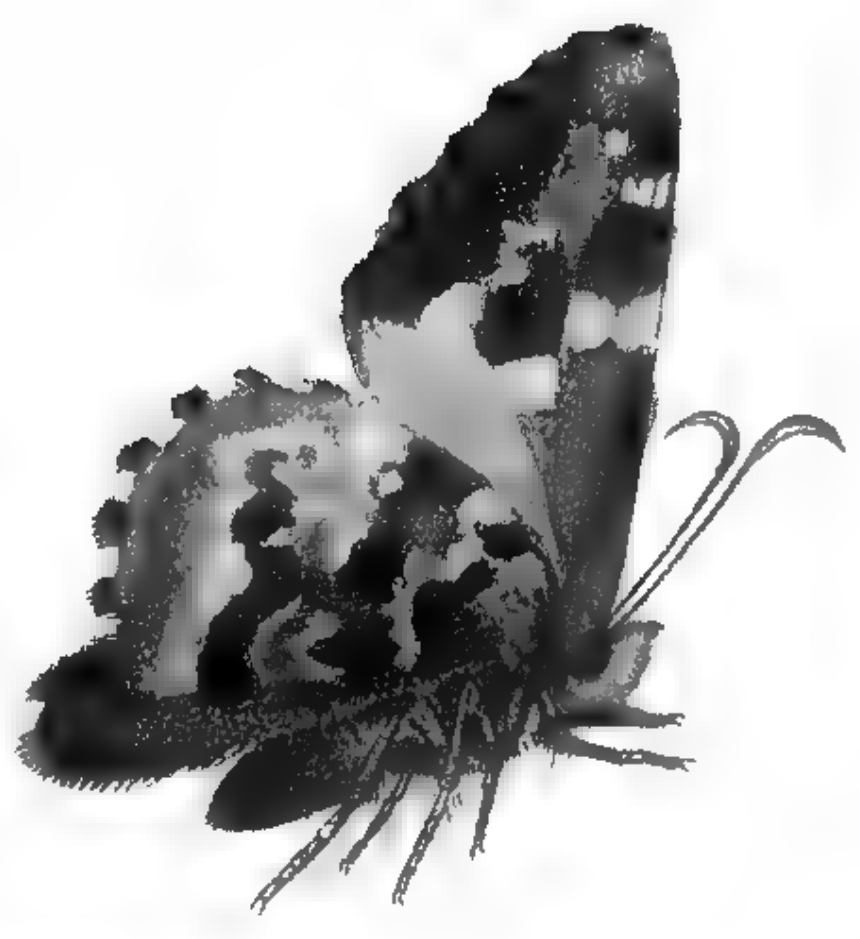
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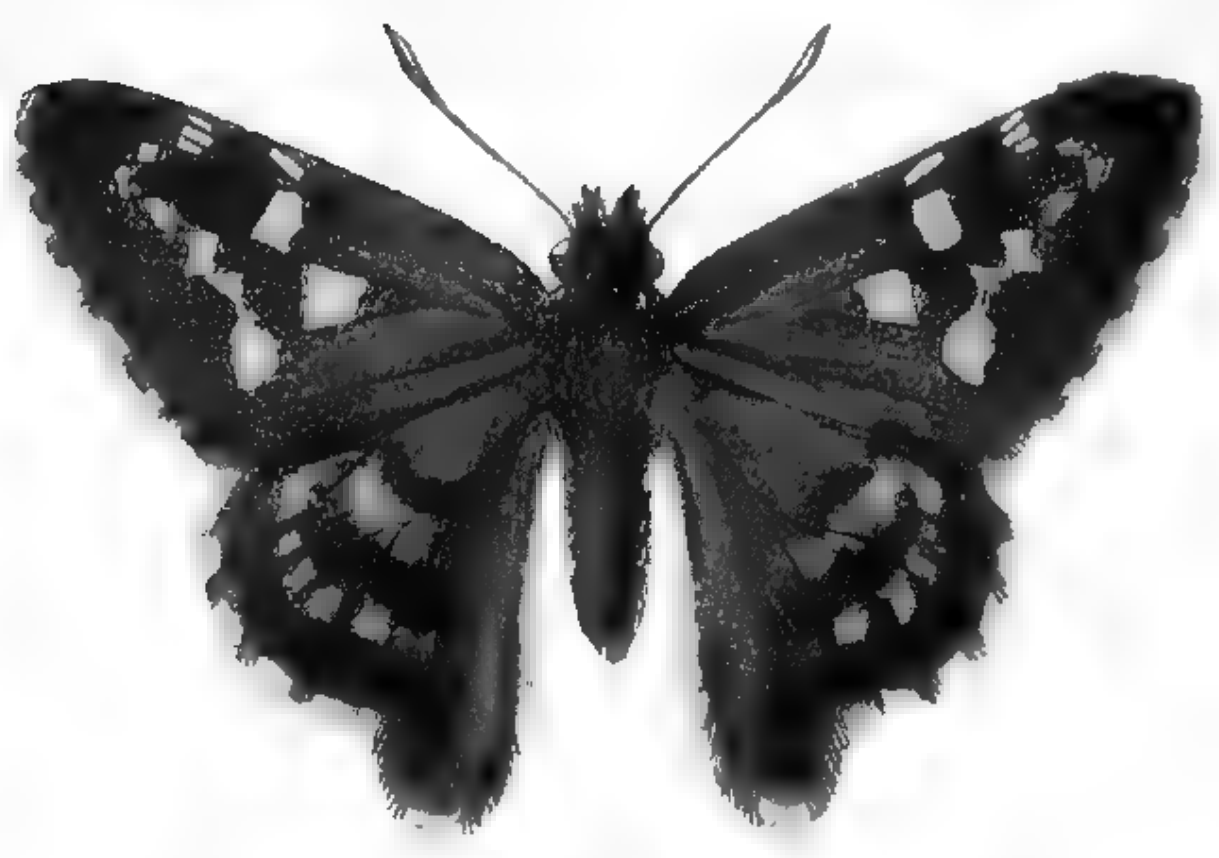
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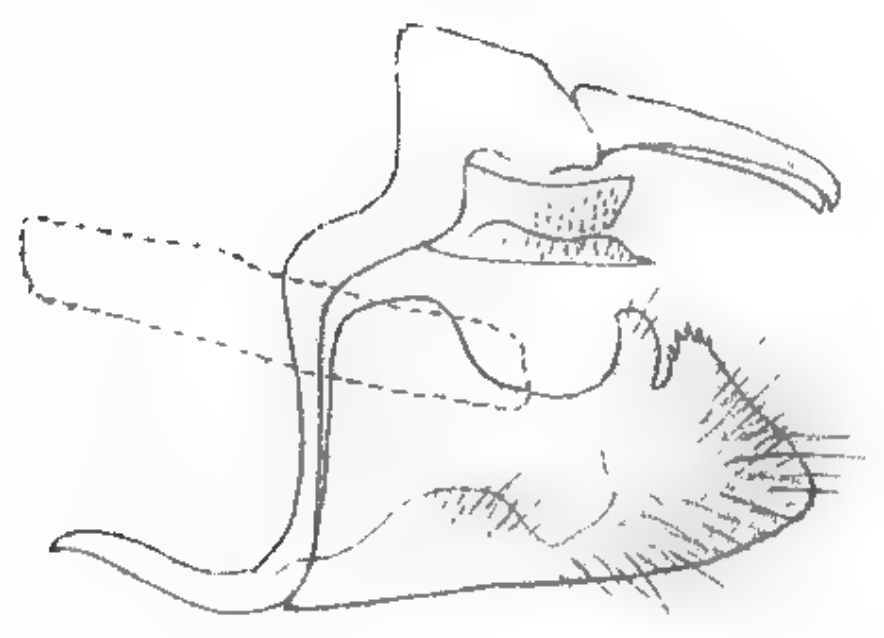
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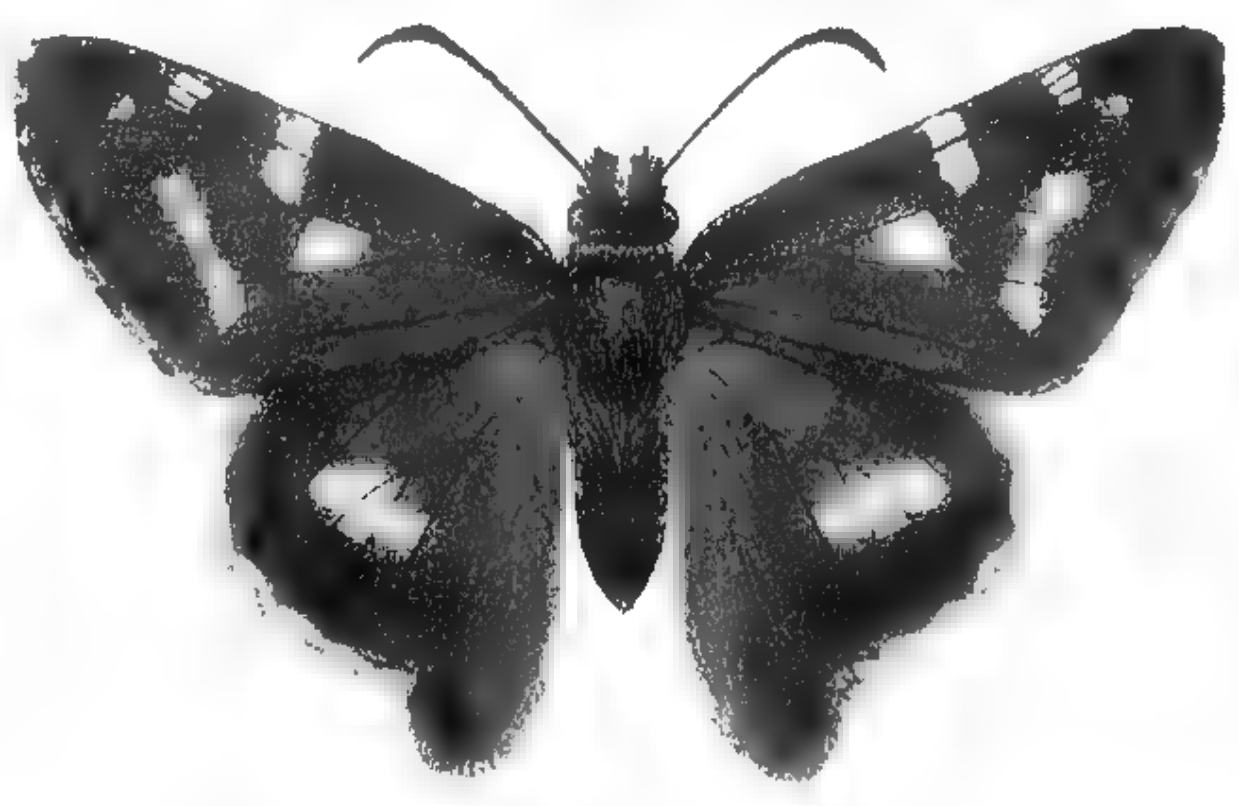
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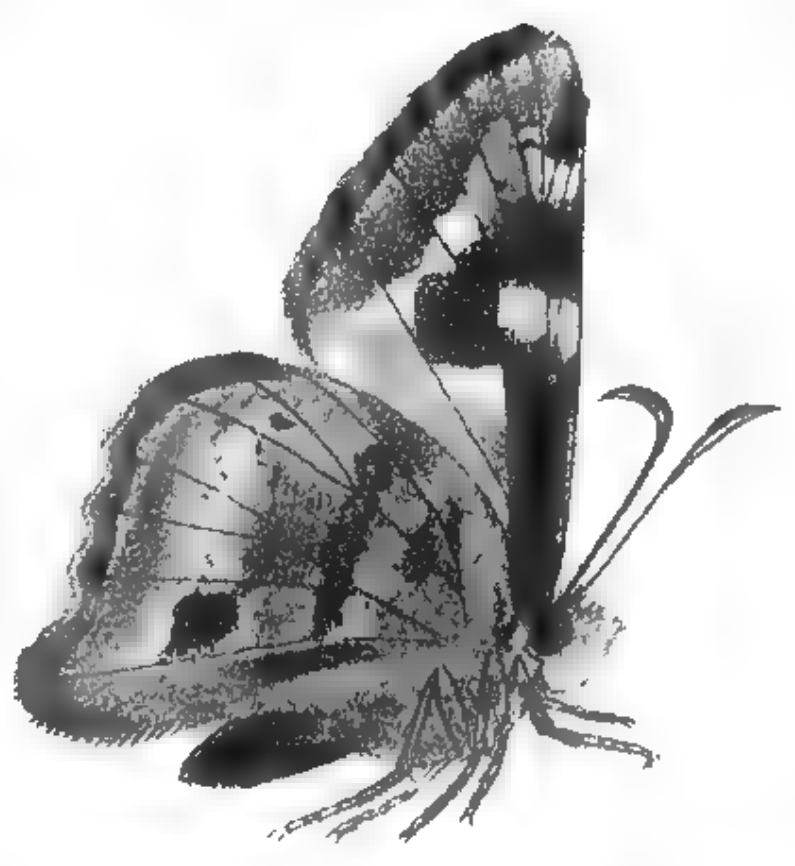
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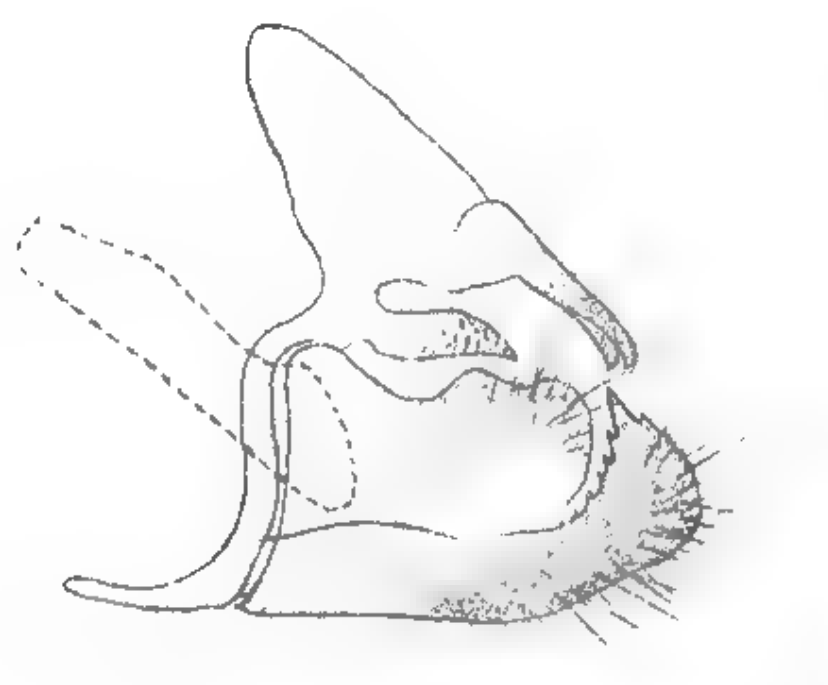
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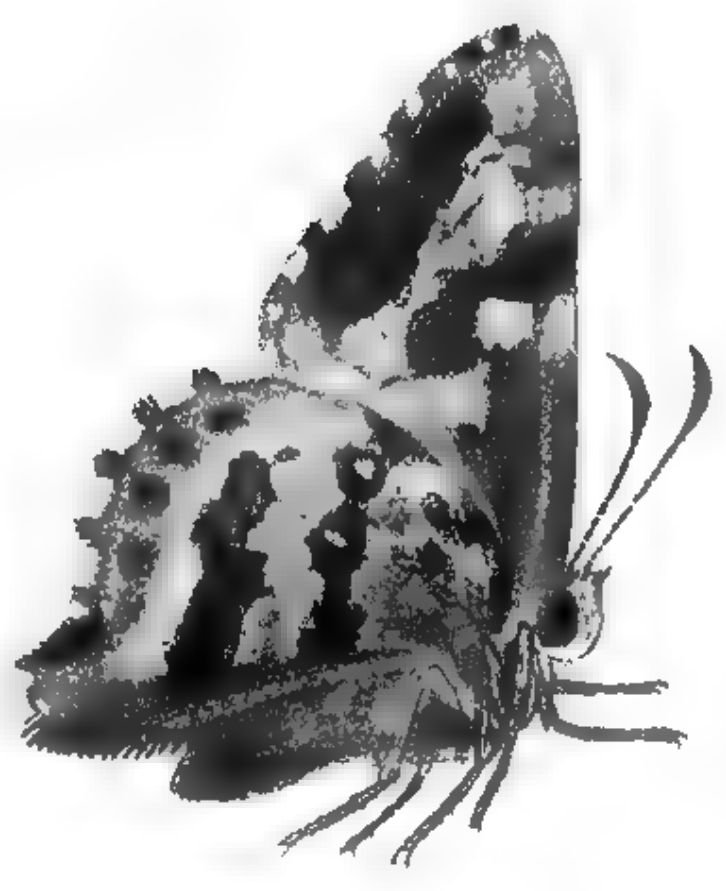
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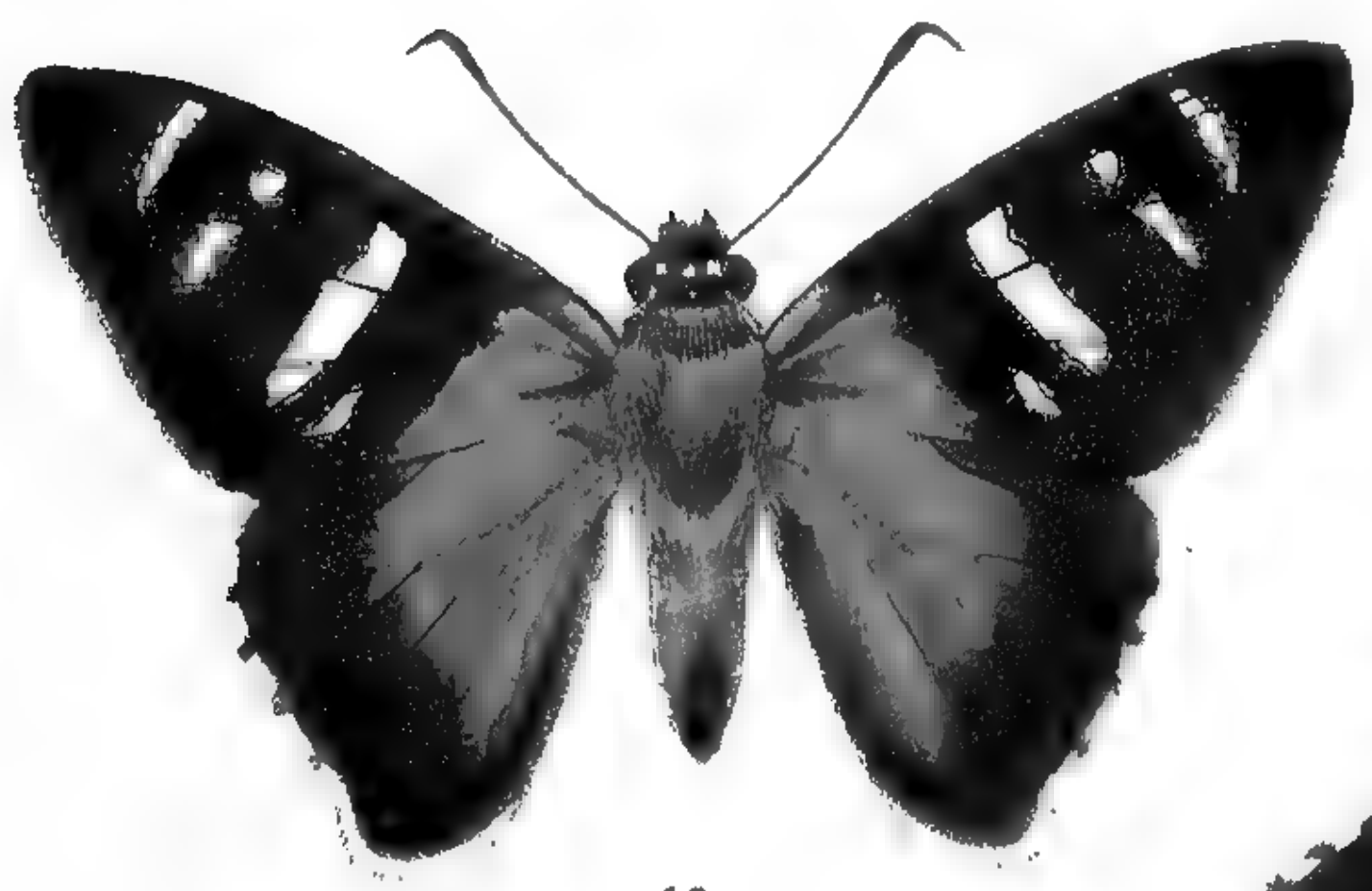
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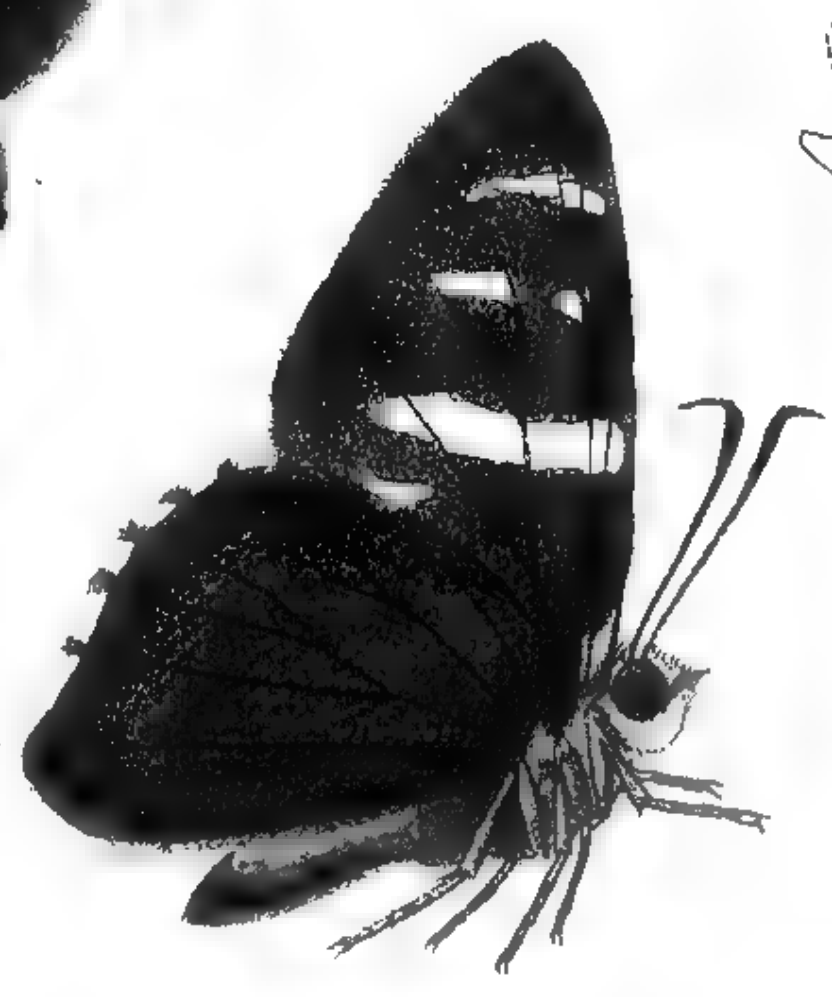
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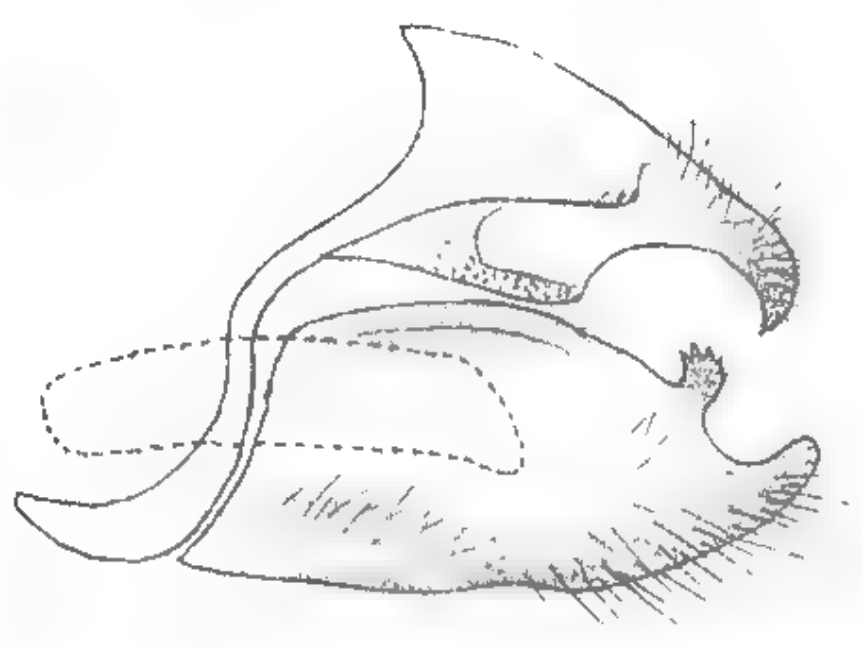
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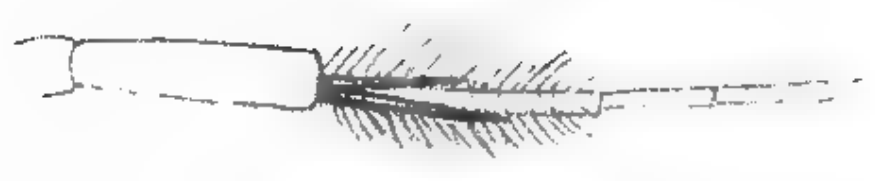
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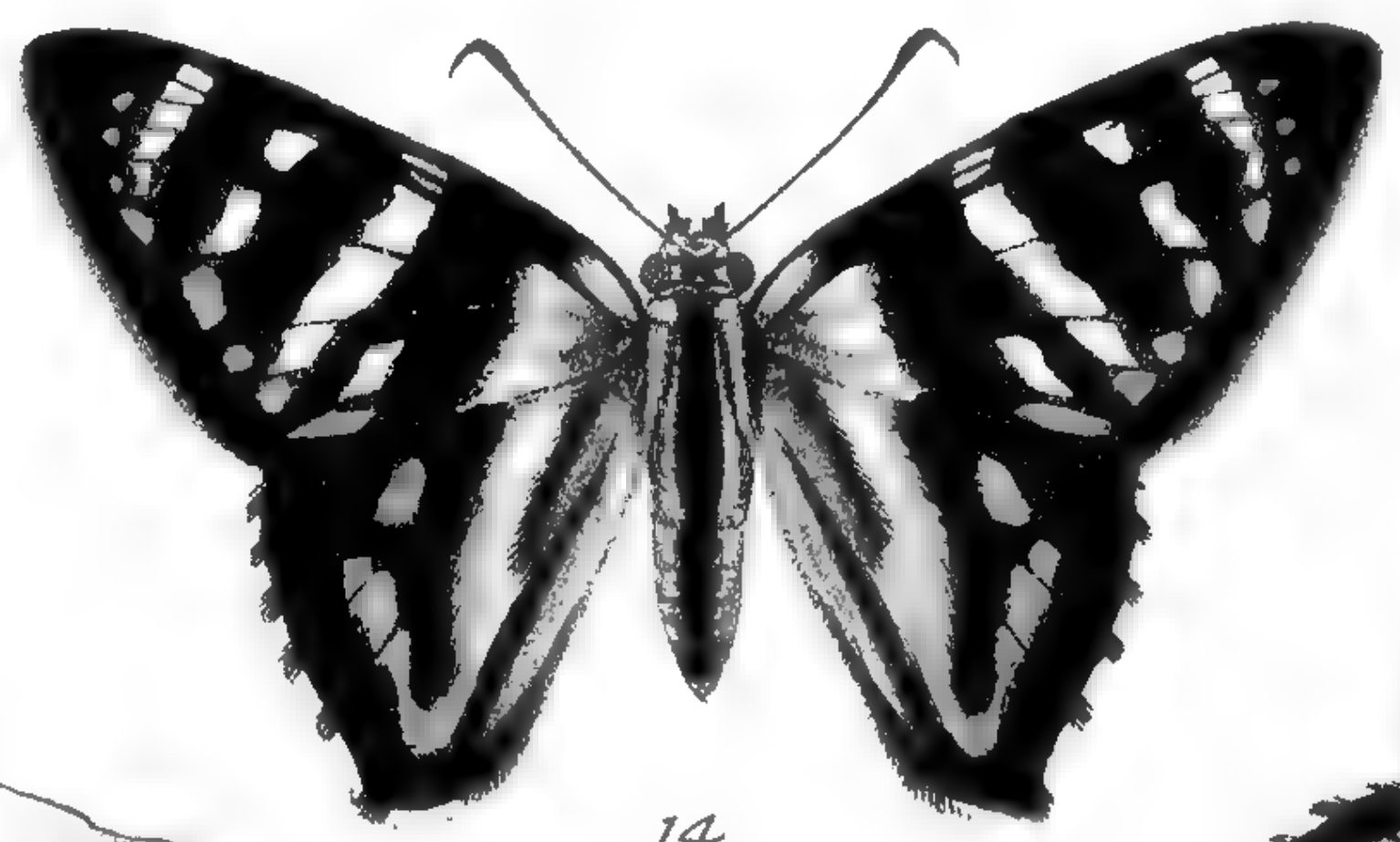
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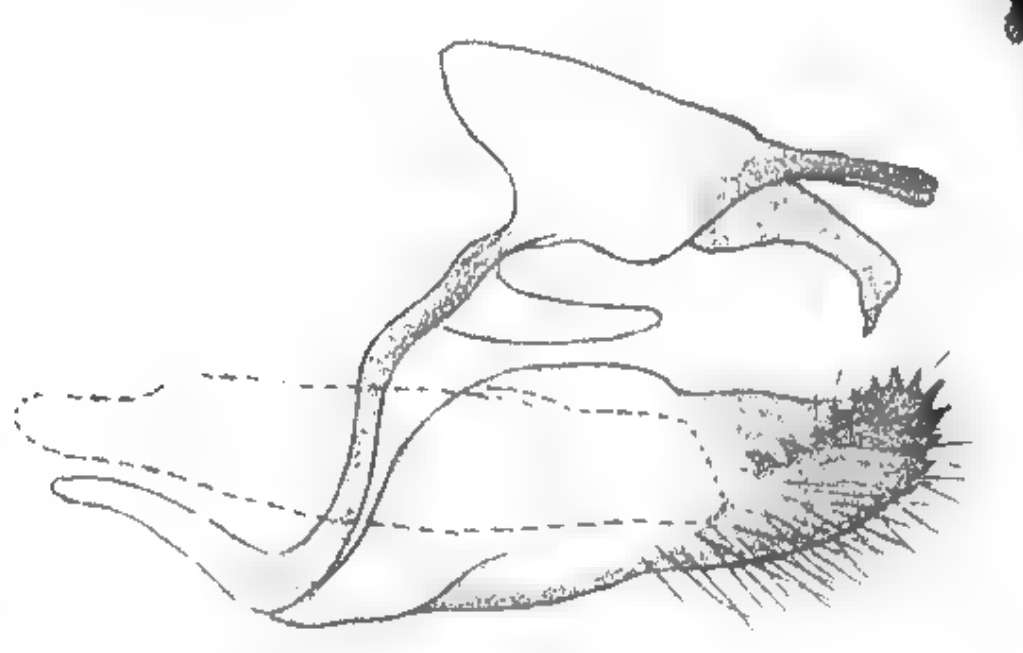
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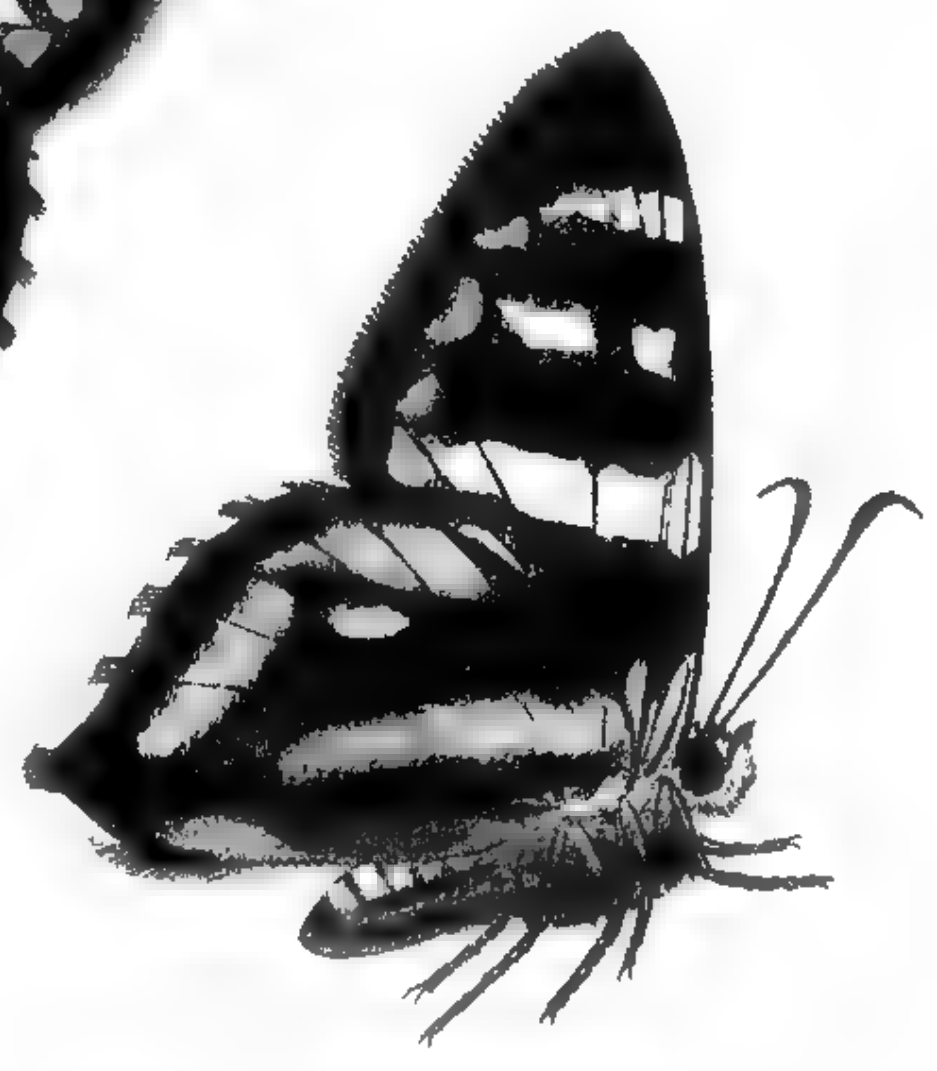
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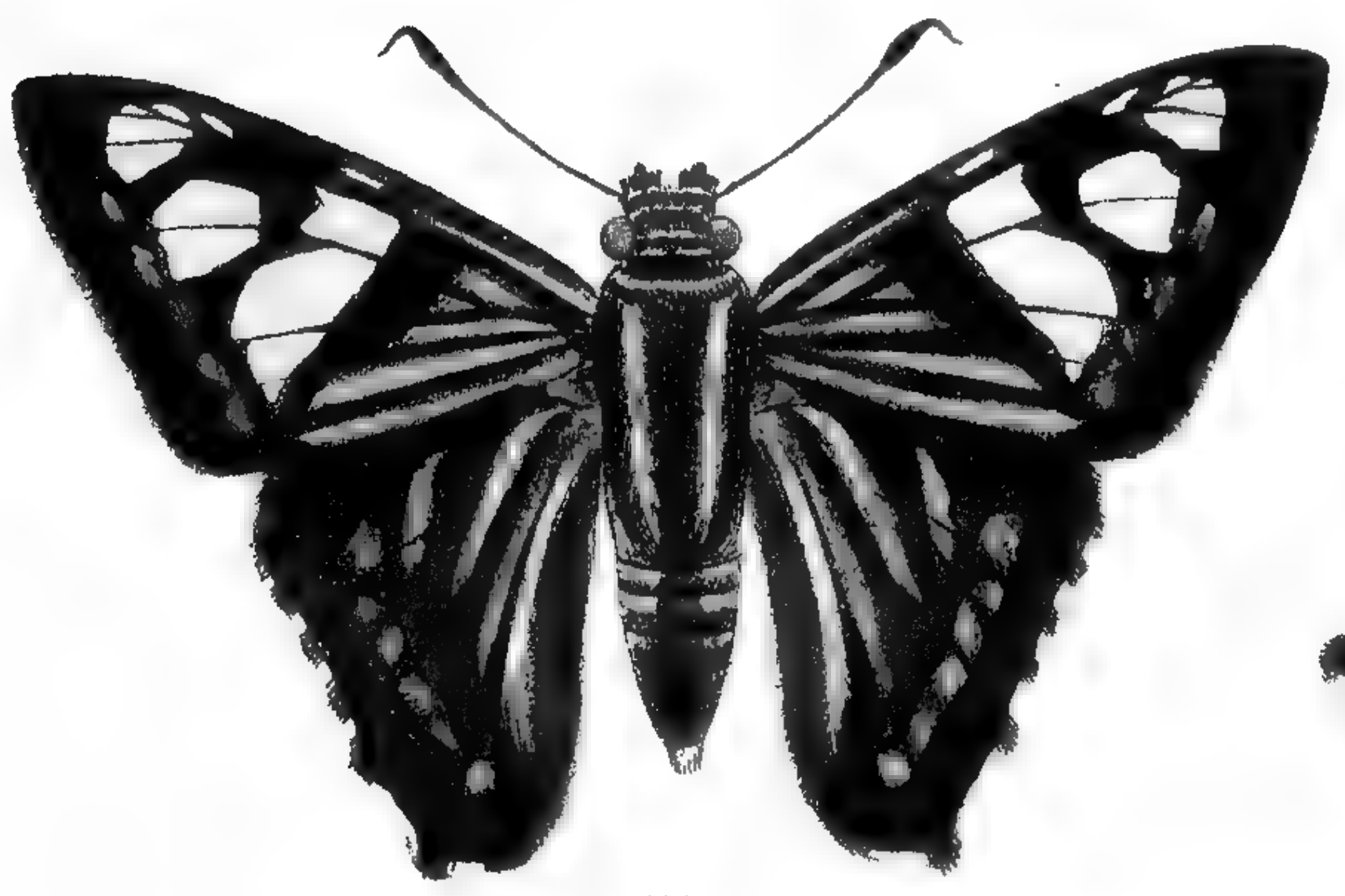
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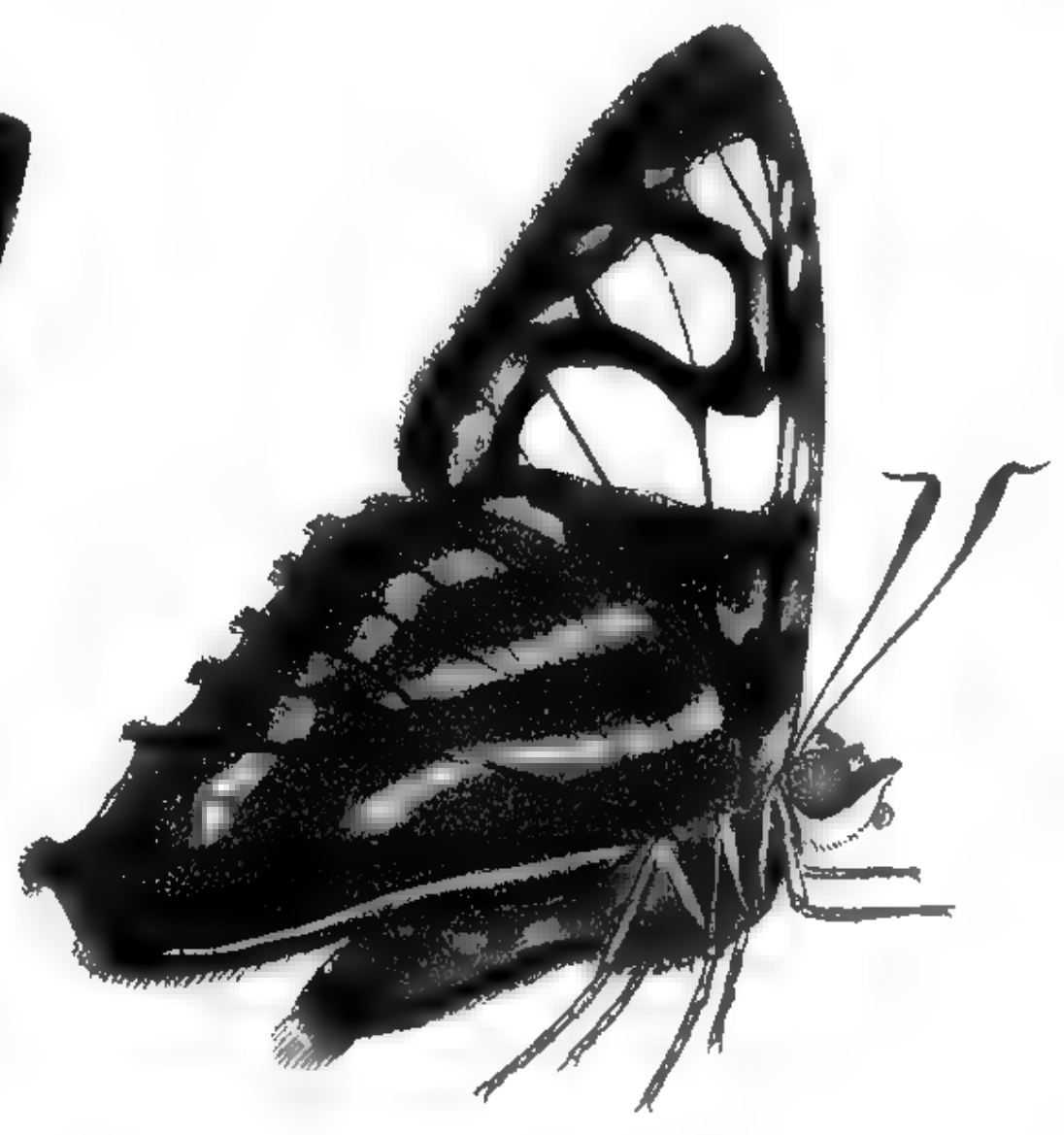
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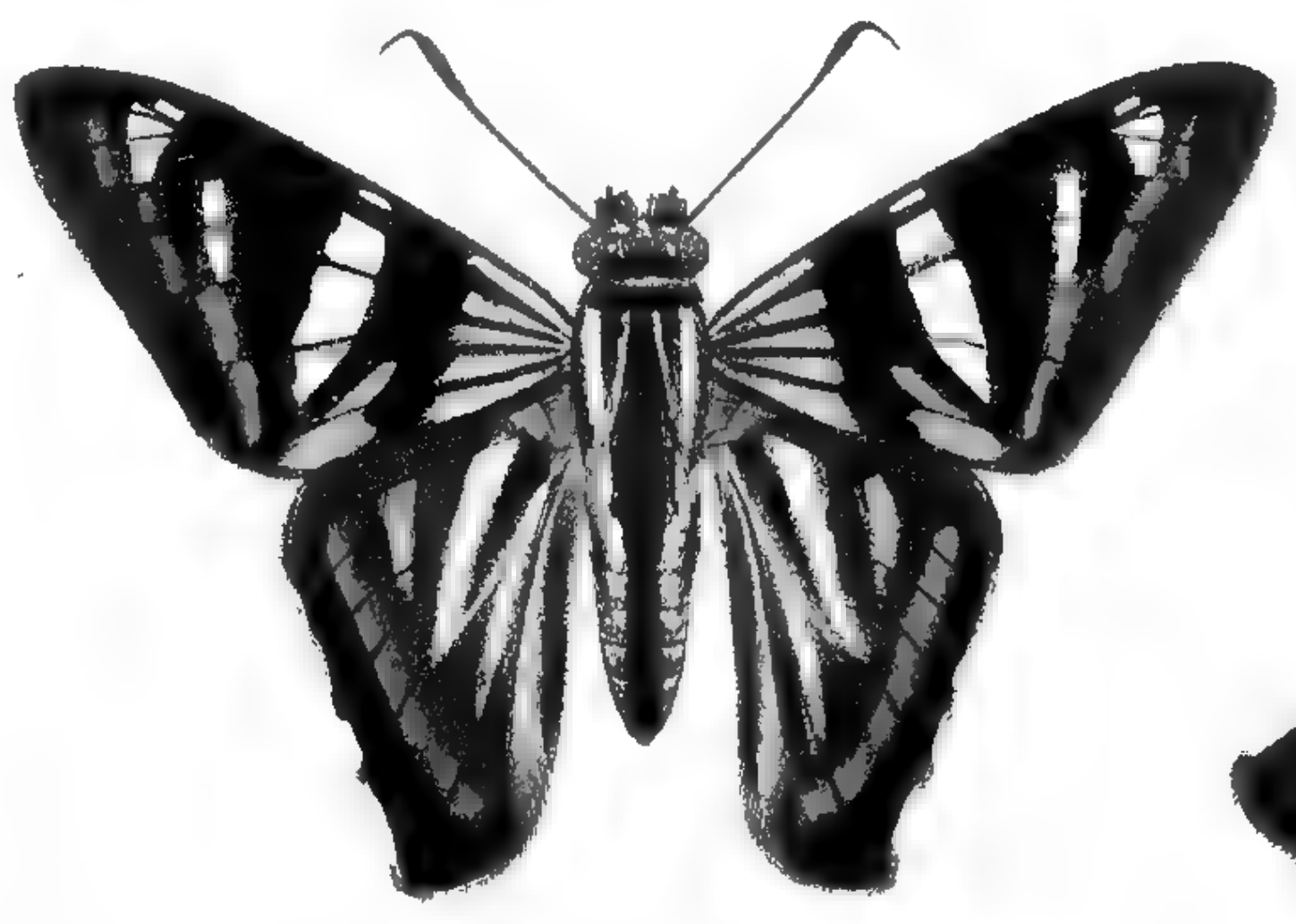
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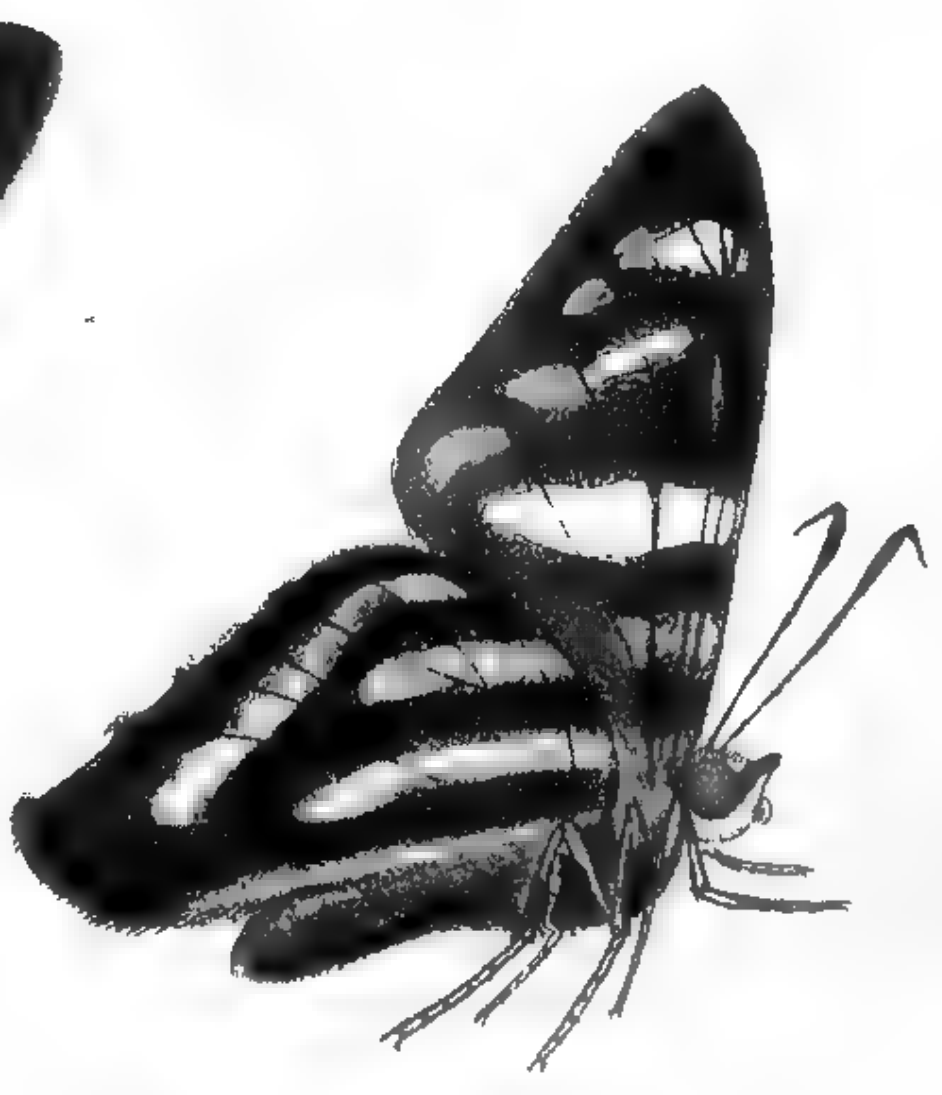
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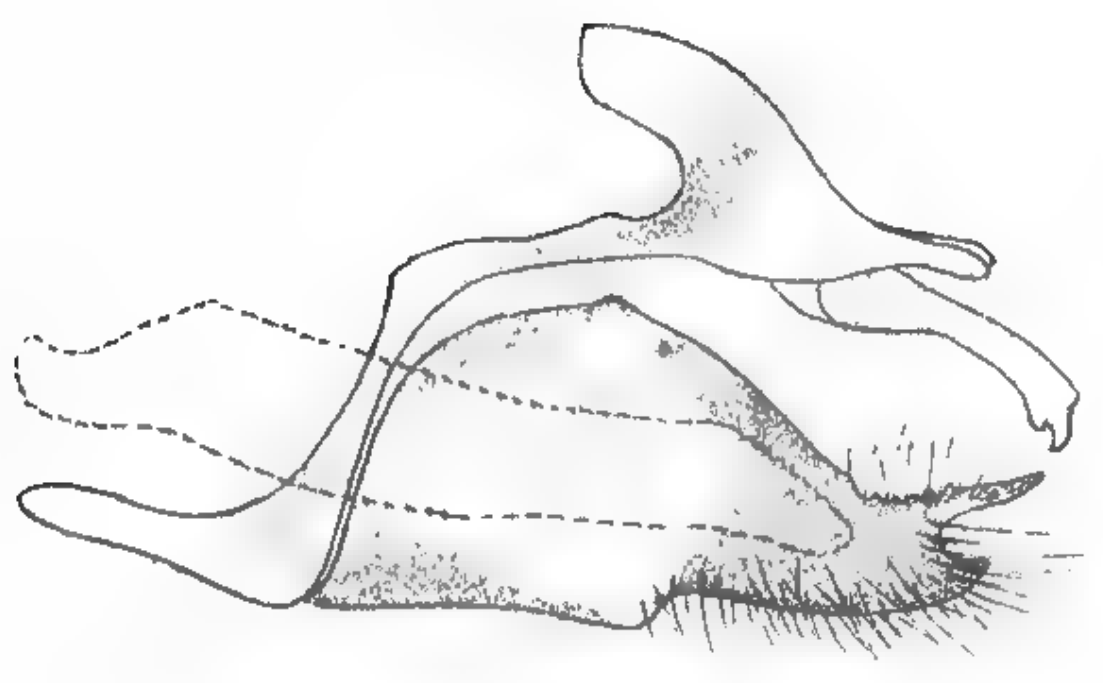
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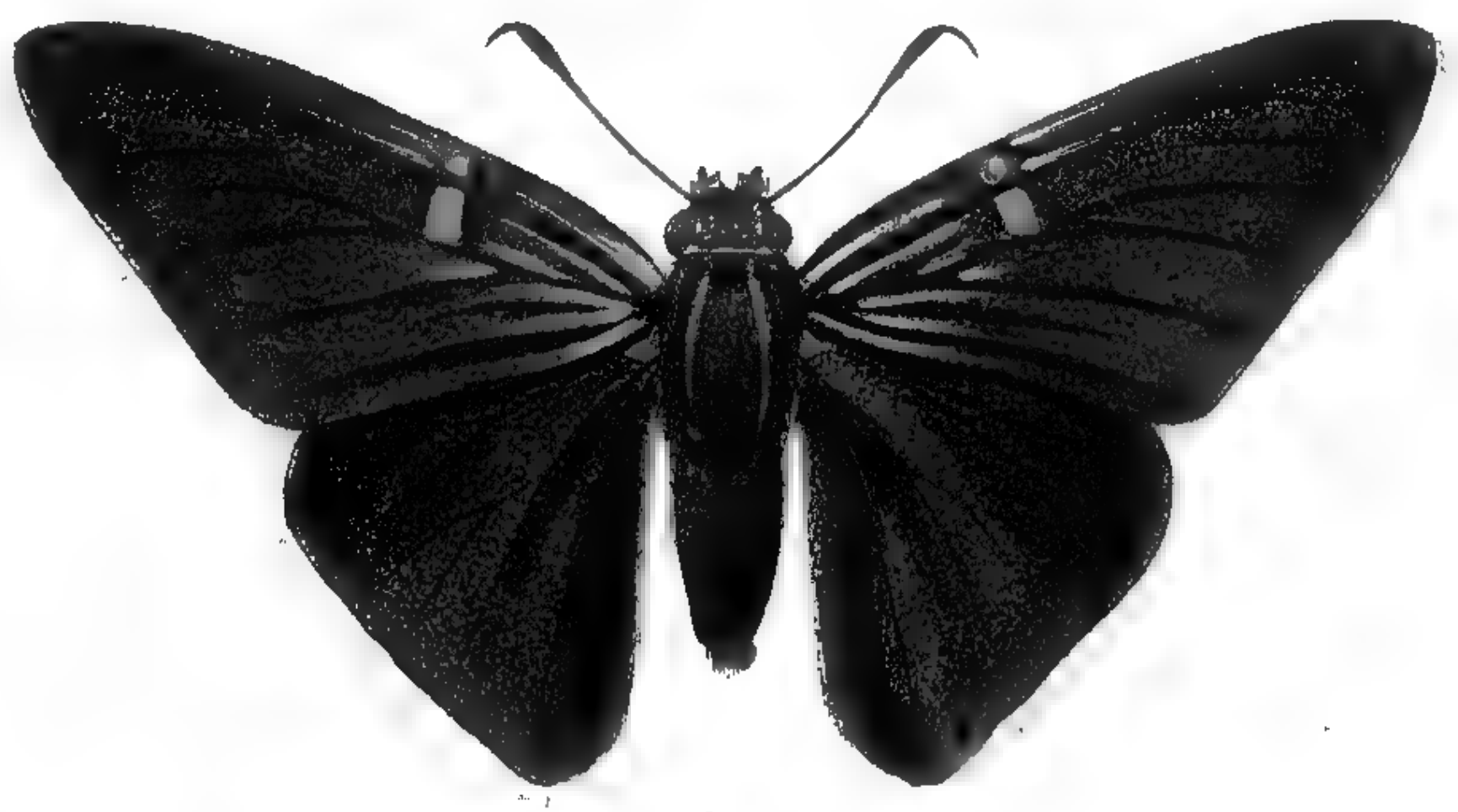
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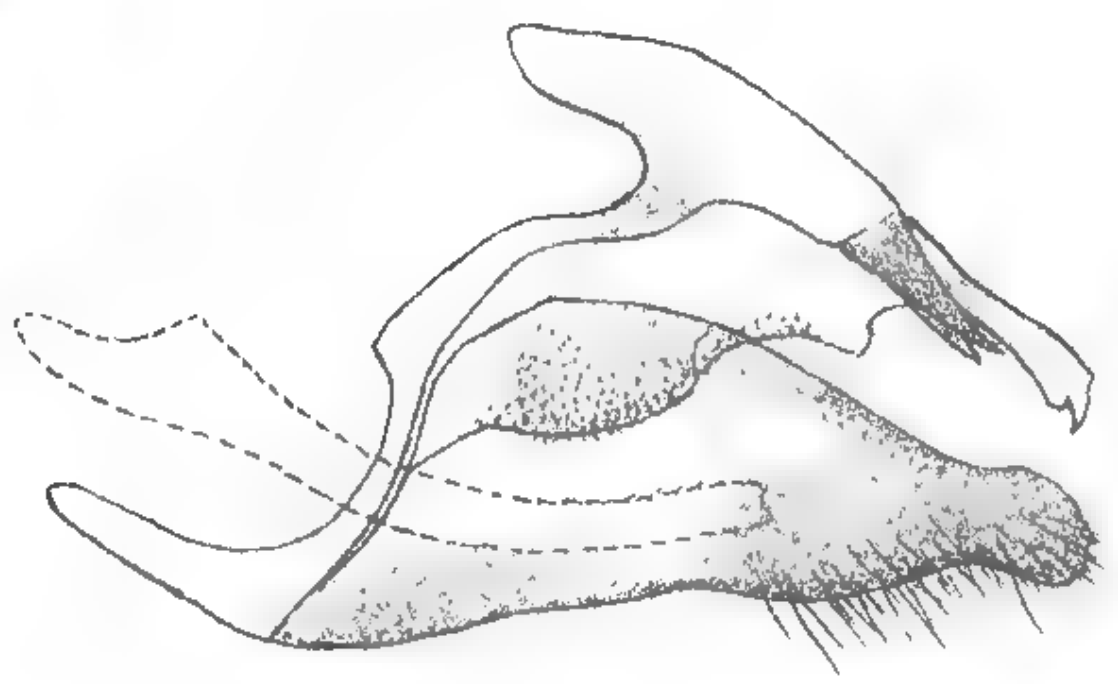
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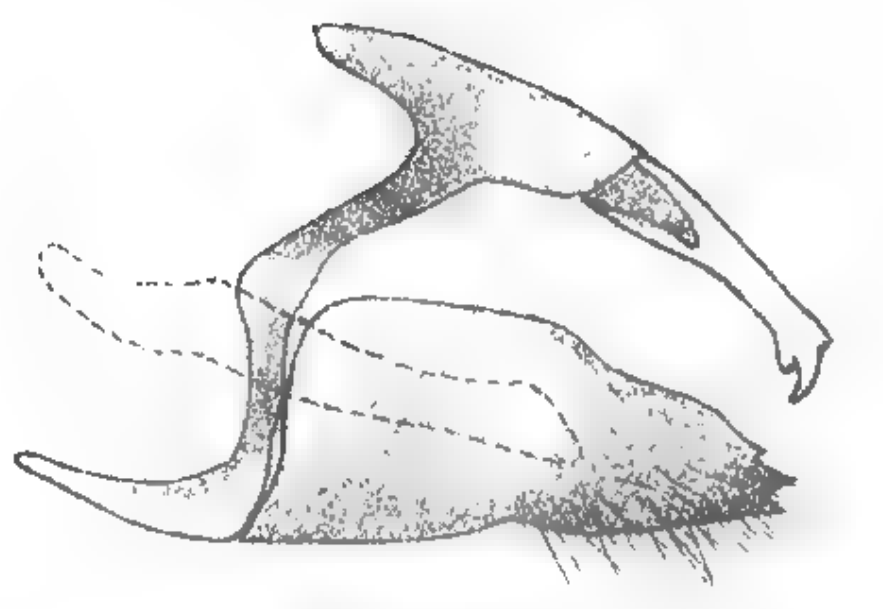
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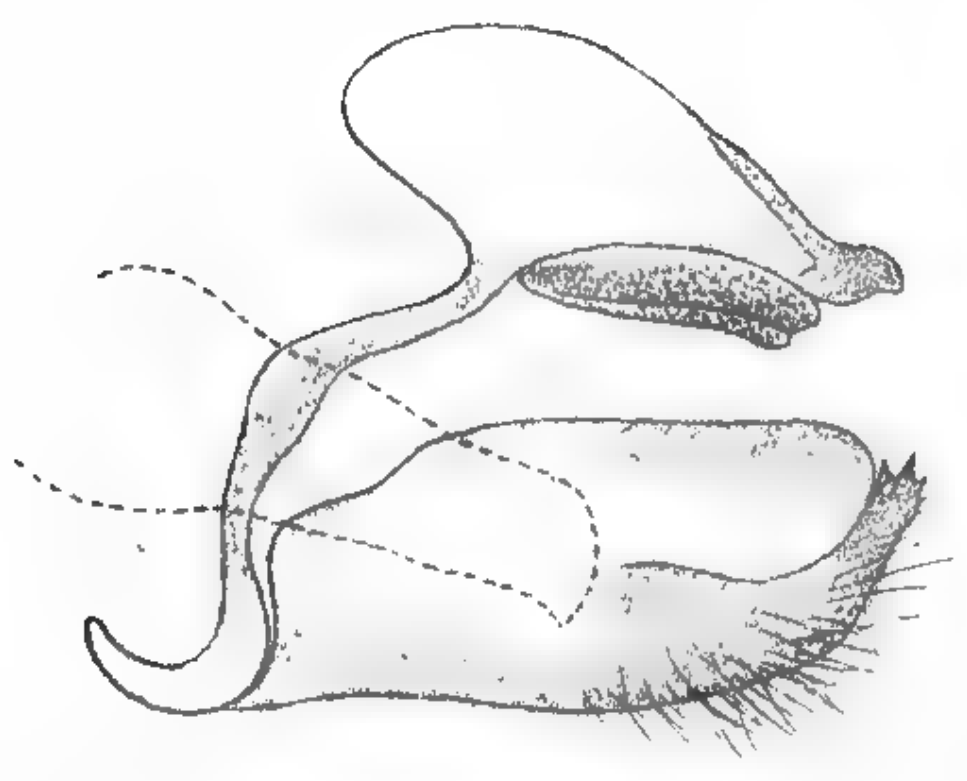
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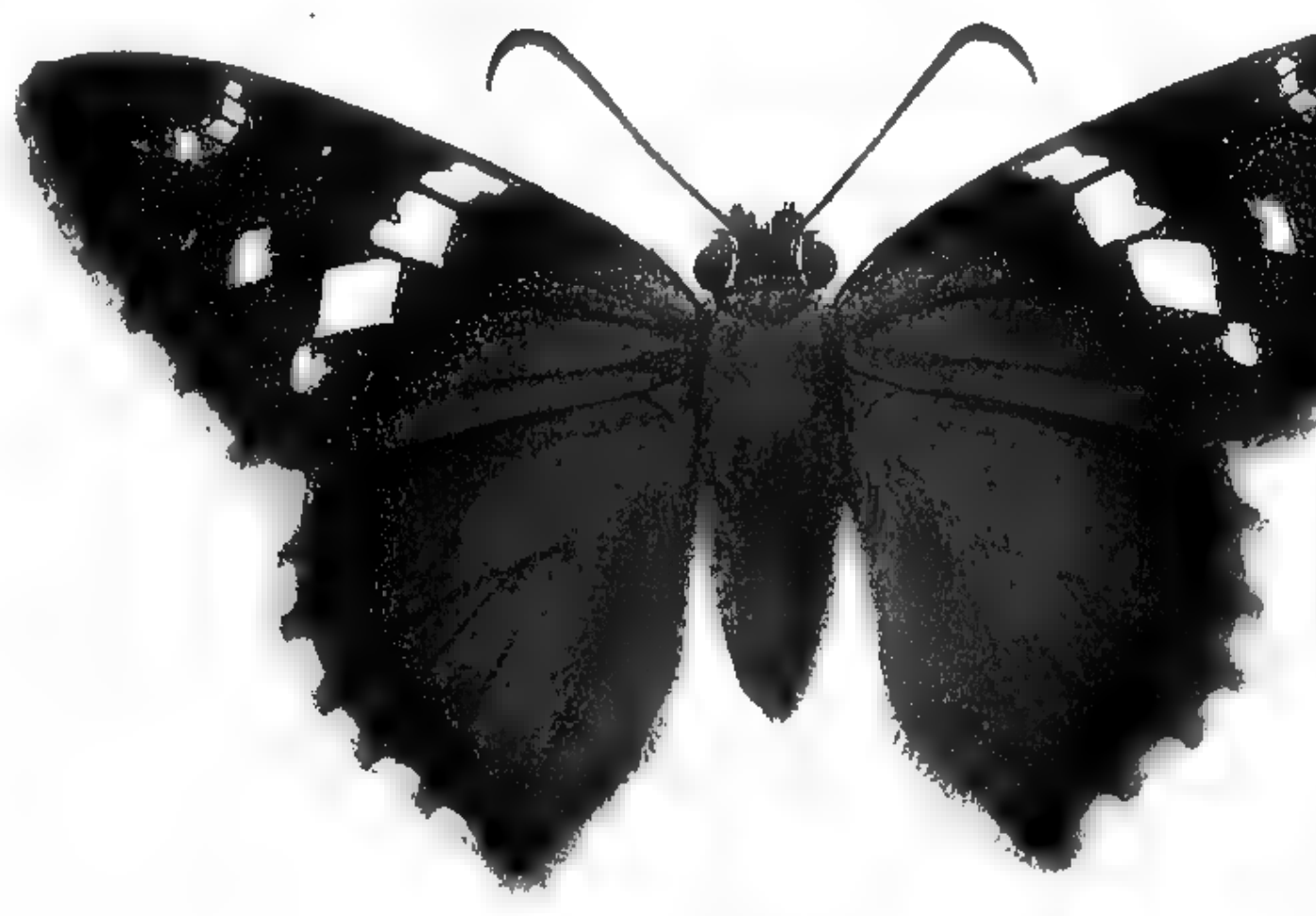
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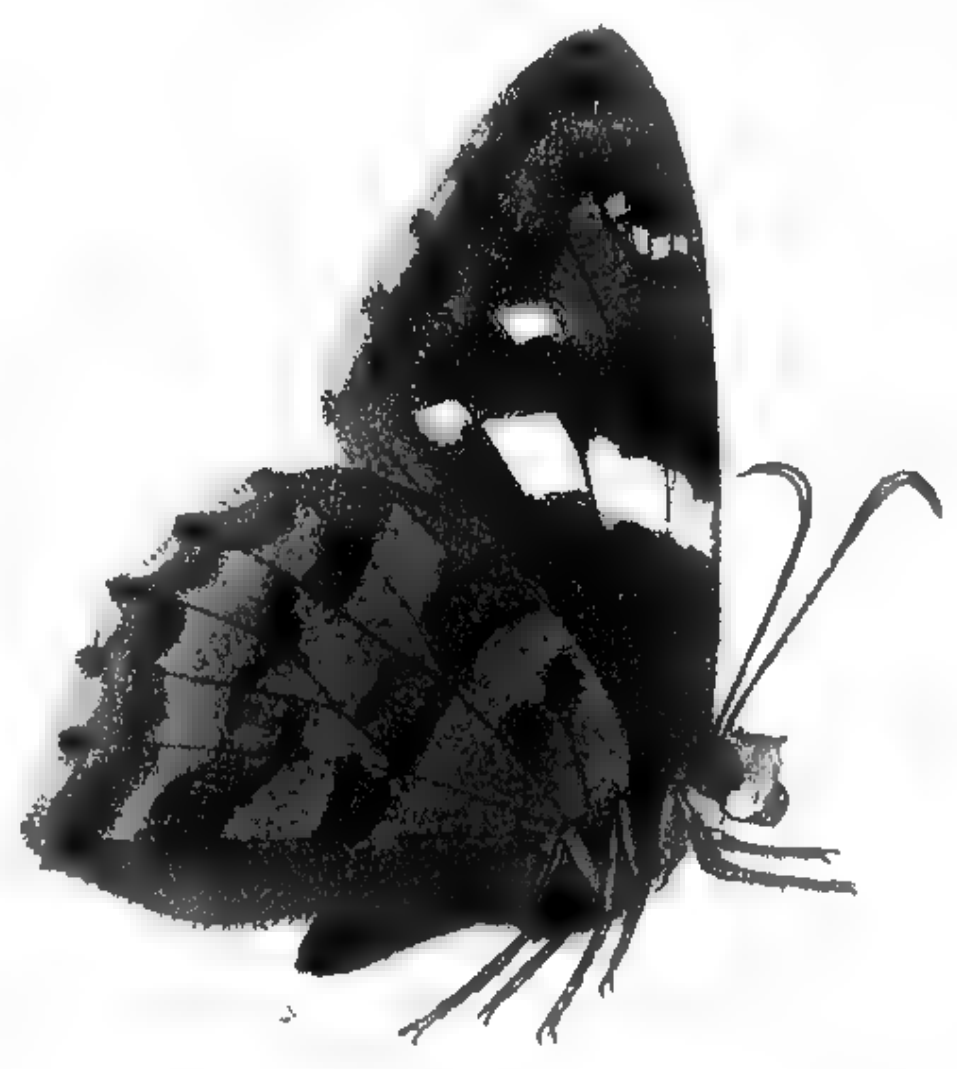
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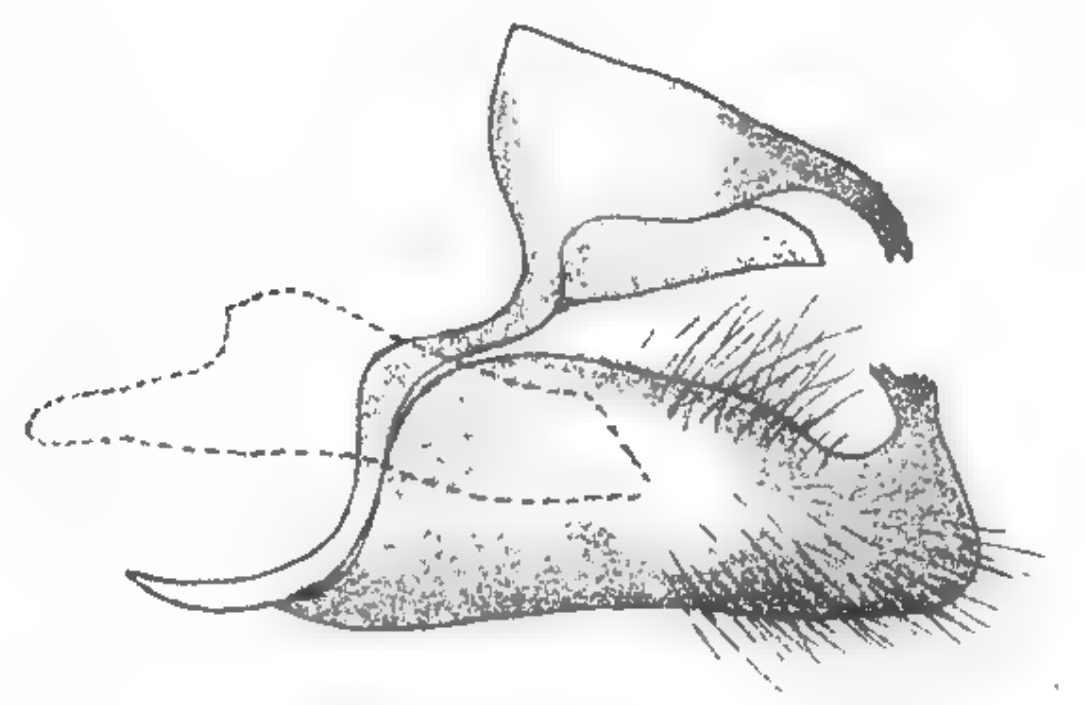
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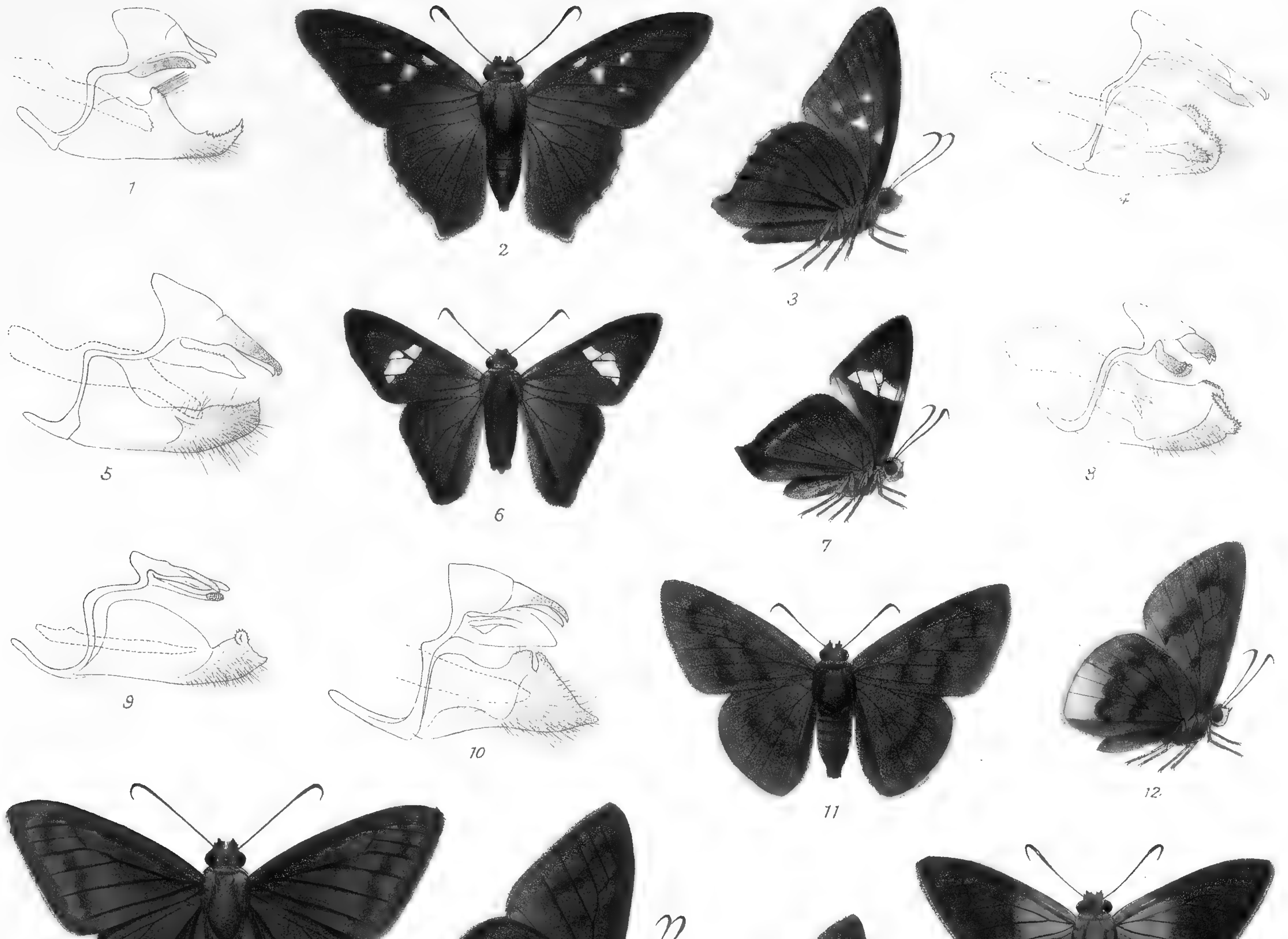
1♂ GONIURUS CŒLUS.
2♂ » TALUS.
3,4♂ PLESTIA STAUDINGERI.
5,6,7♂ » ELWESI.
8,9♂ » DORUS.

10-13♂ TARSOCTENUS GAUDIALIS.
14,15 » PERISSOGRAPHUS.
16♂ PHOCIDES PYGMALION.
17,18♂ » BELUS.
19,20,21♂ » DISTANS.

22♂ PHOCIDES URANIA.
23,24♂ » LILEA.
25♂ HETEROPIA BRYAXIS.
26,27 » MELON.
28♂ SPATHILEPIA CLONIUS.

W. Purkiss lith.
Hanhart imp.
624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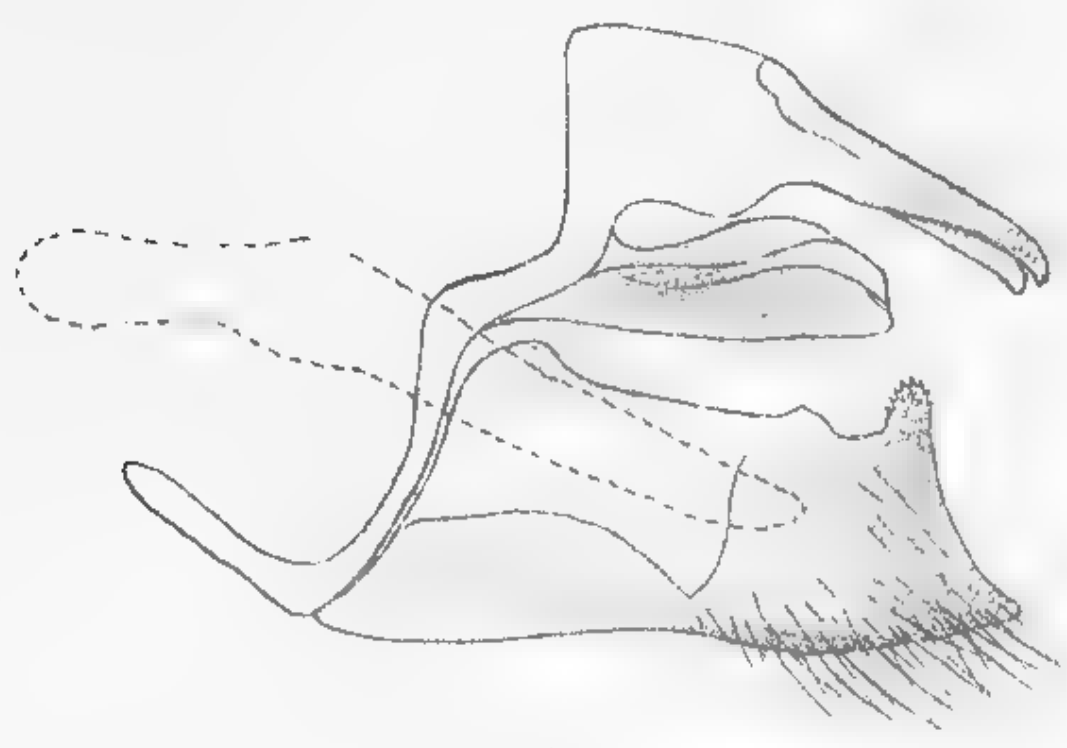
1♂ EPARGYREUS EXADEUS.
2,3 " GAUMERI.
4♂ " ASANDER.
5♂ PROTEIDES IDAS.
6,7,8♂ CHRYSOPLECTRUM PERNICIOSUM.

9♂ ACOLASTUS AMYNTAS.
10♂ TELEGONUS ANAPHUS.
11,12♀ " AMPYX.
13,14♂ " HAHNELI.
15,16♂ " CHIRIQUENSIS.

17,18♂ TELEGONUS GRULLUS.
19♂ " ALARDUS.
20,21,22♂ " CONSUS.
23♂ " APASTUS.
24,25 " EUDEMUS.

W. Purkiss lith. Hanhart imp.
627.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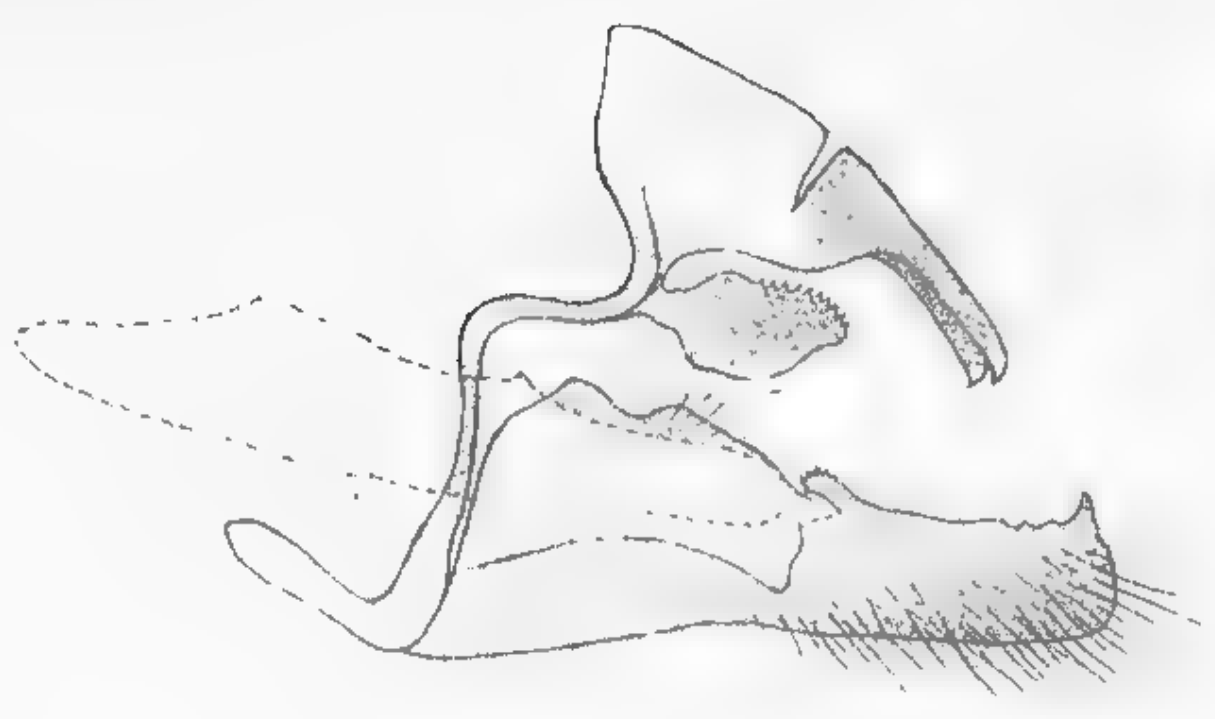
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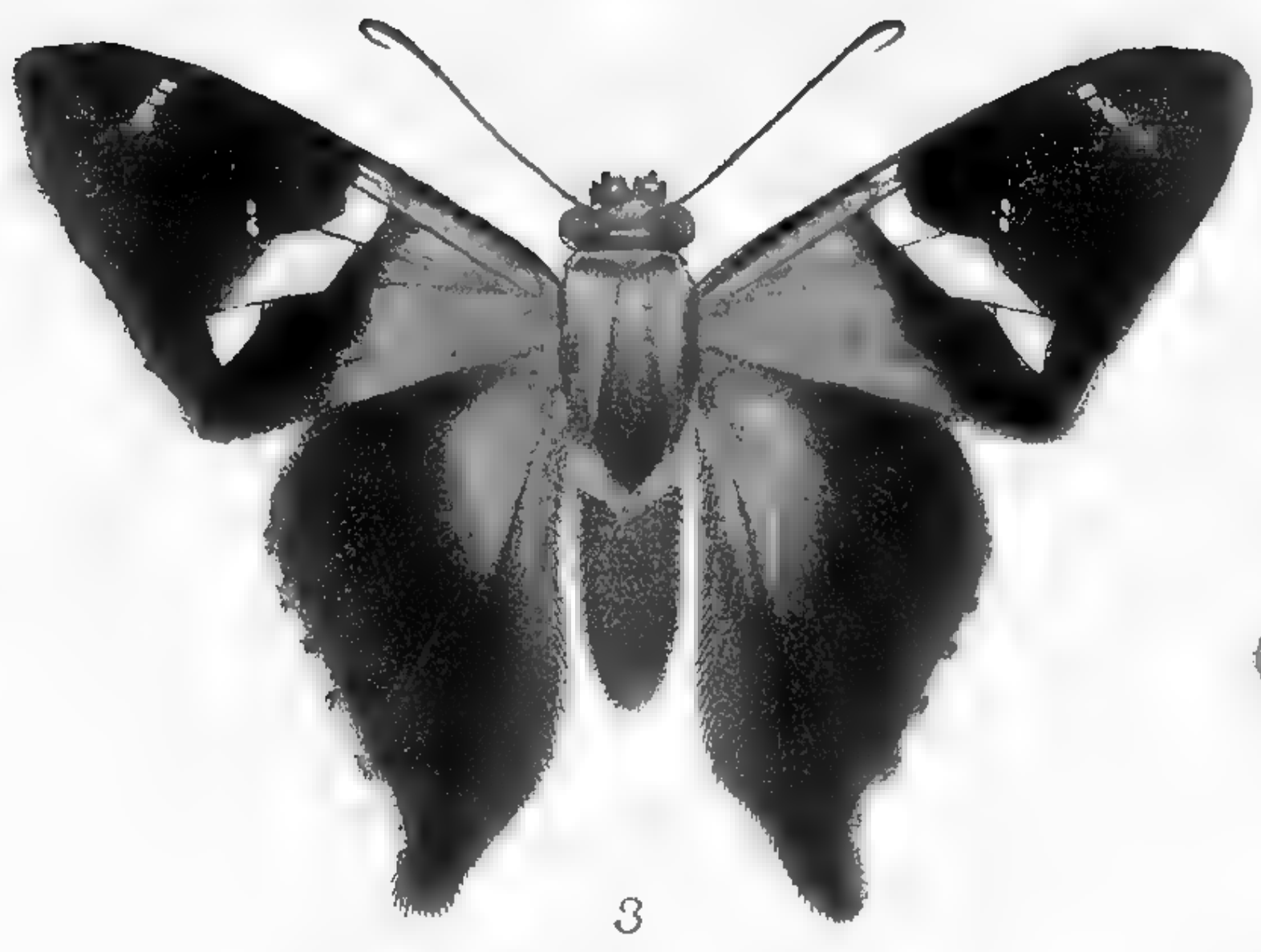
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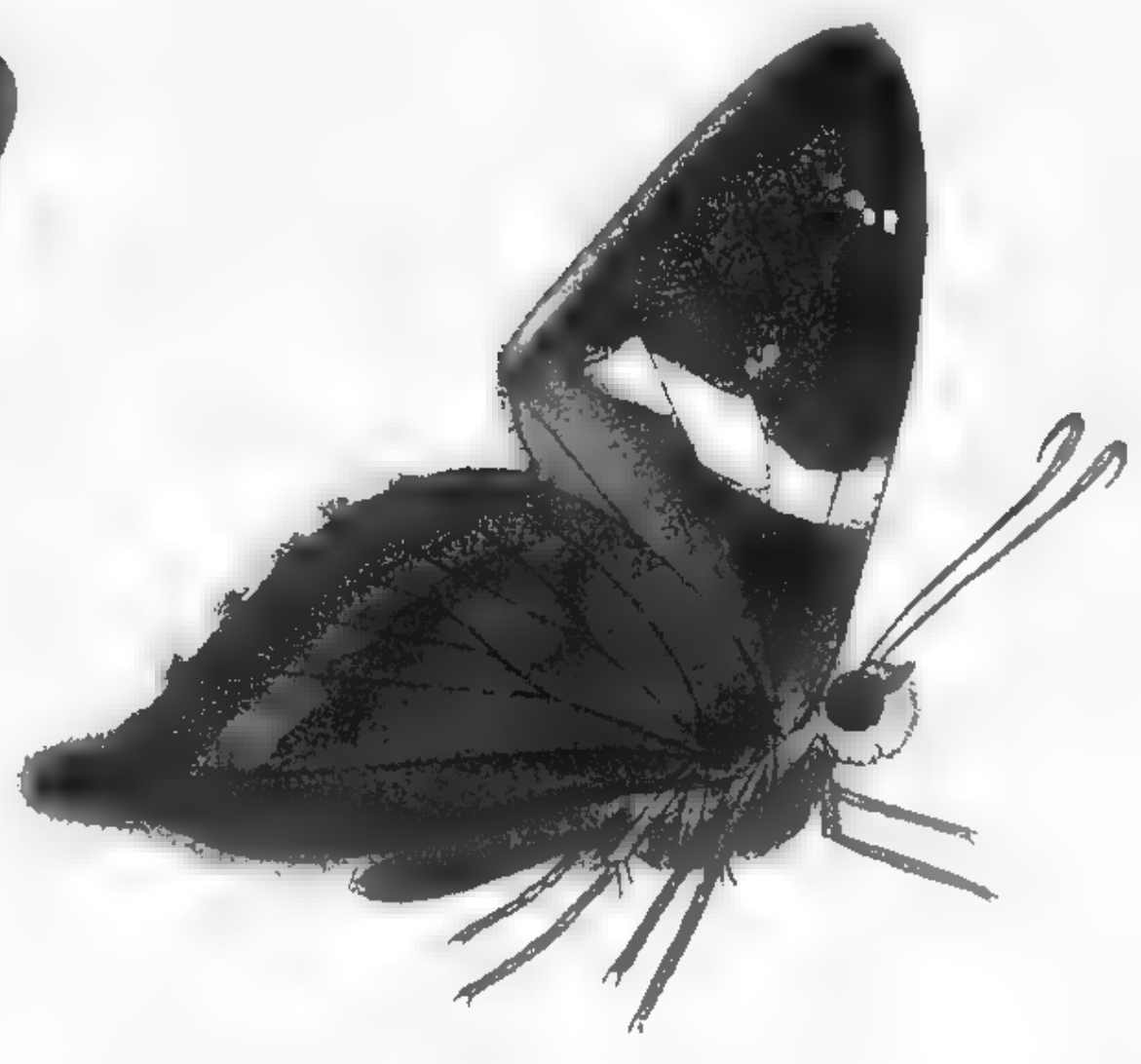
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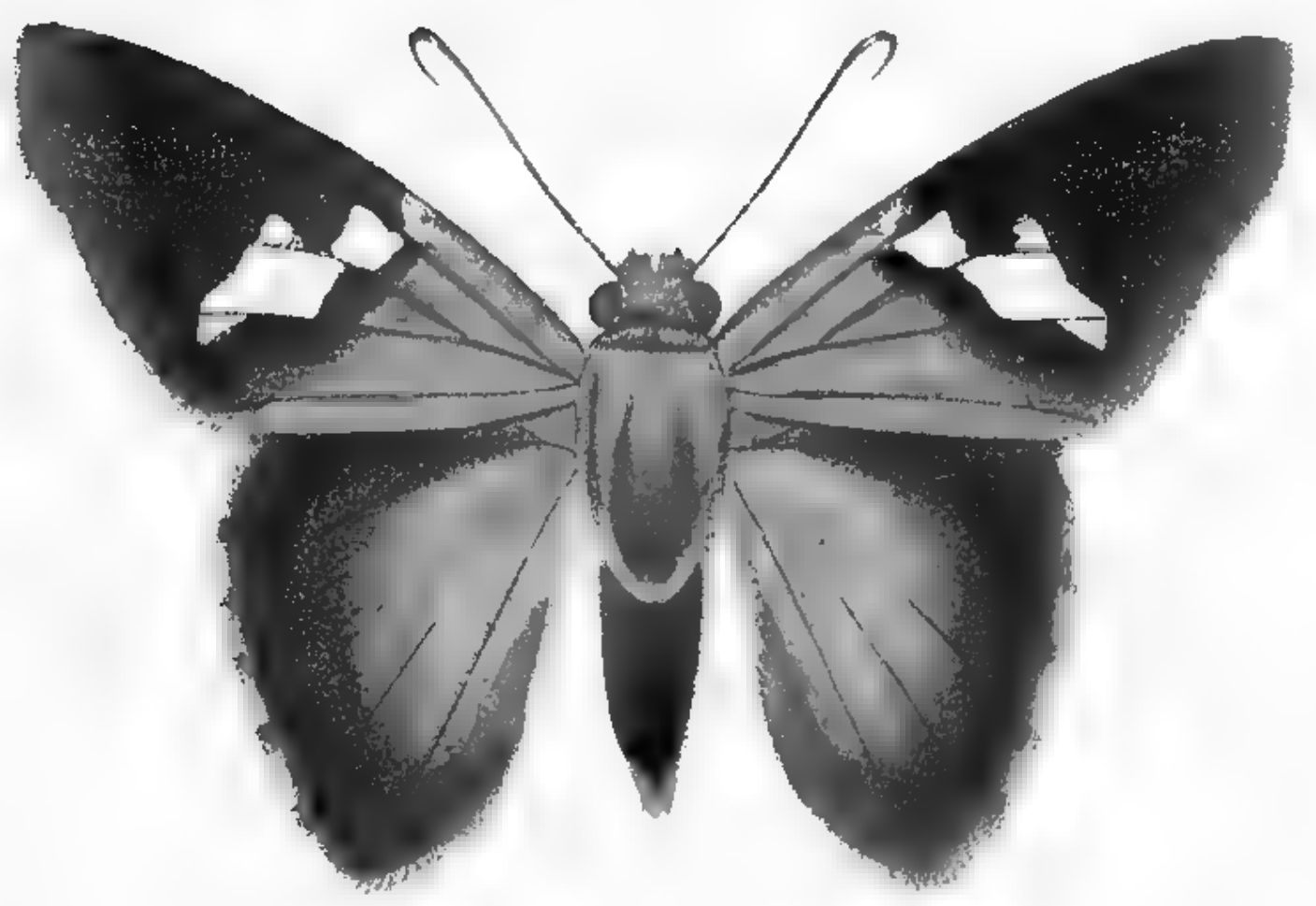
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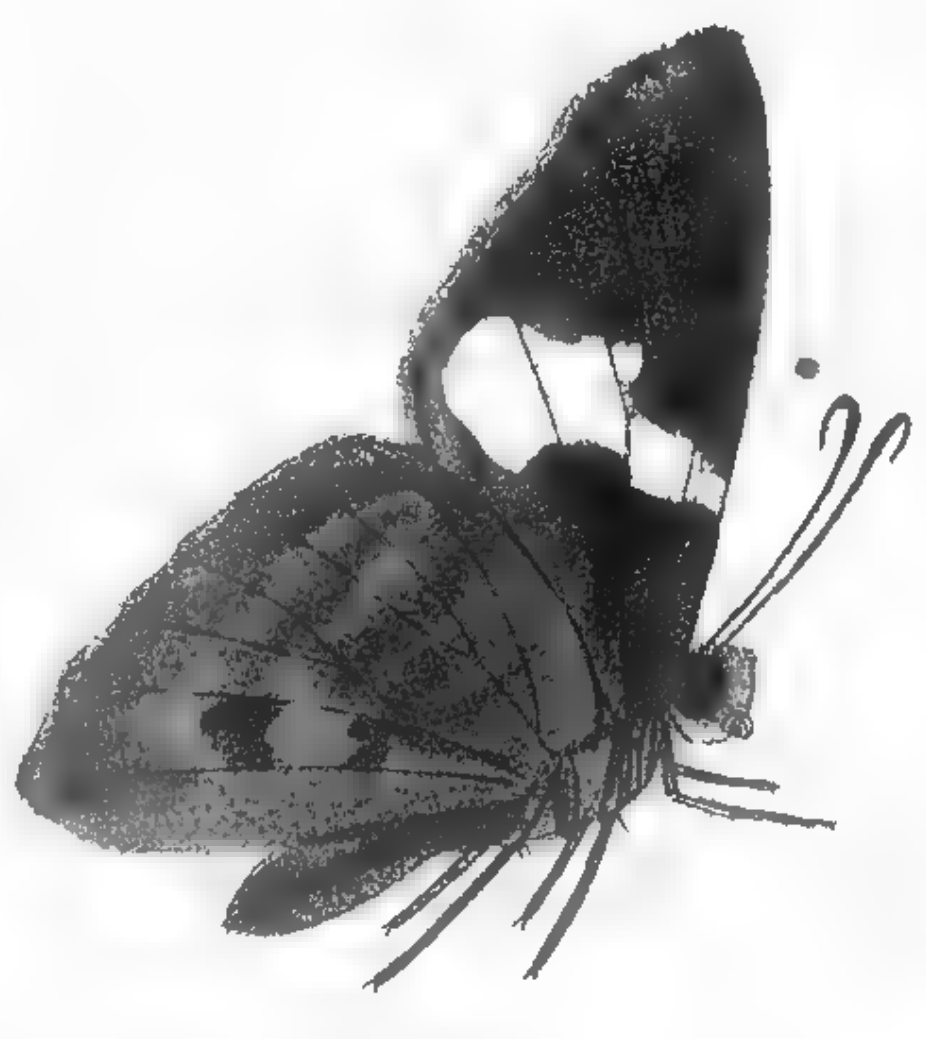
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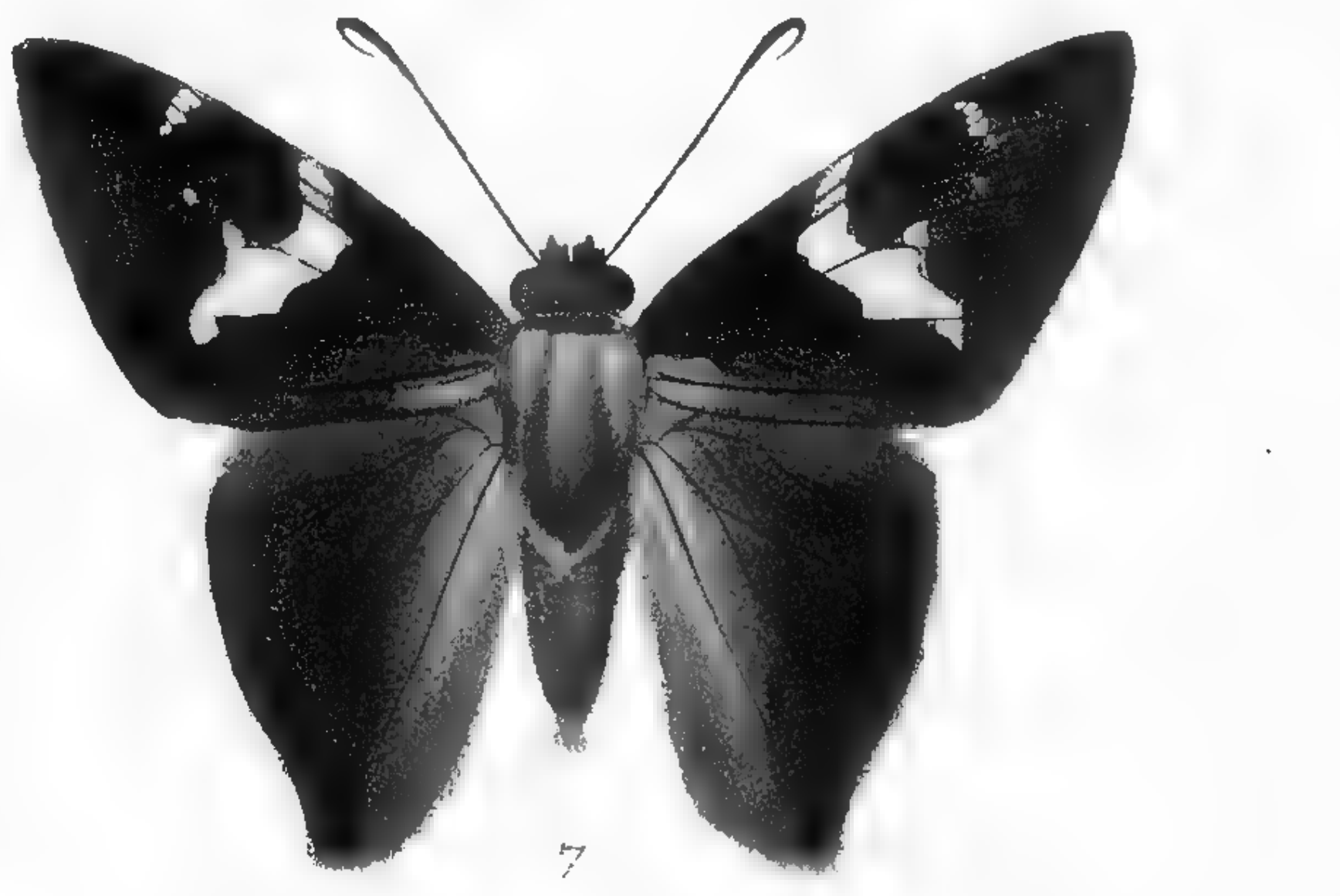
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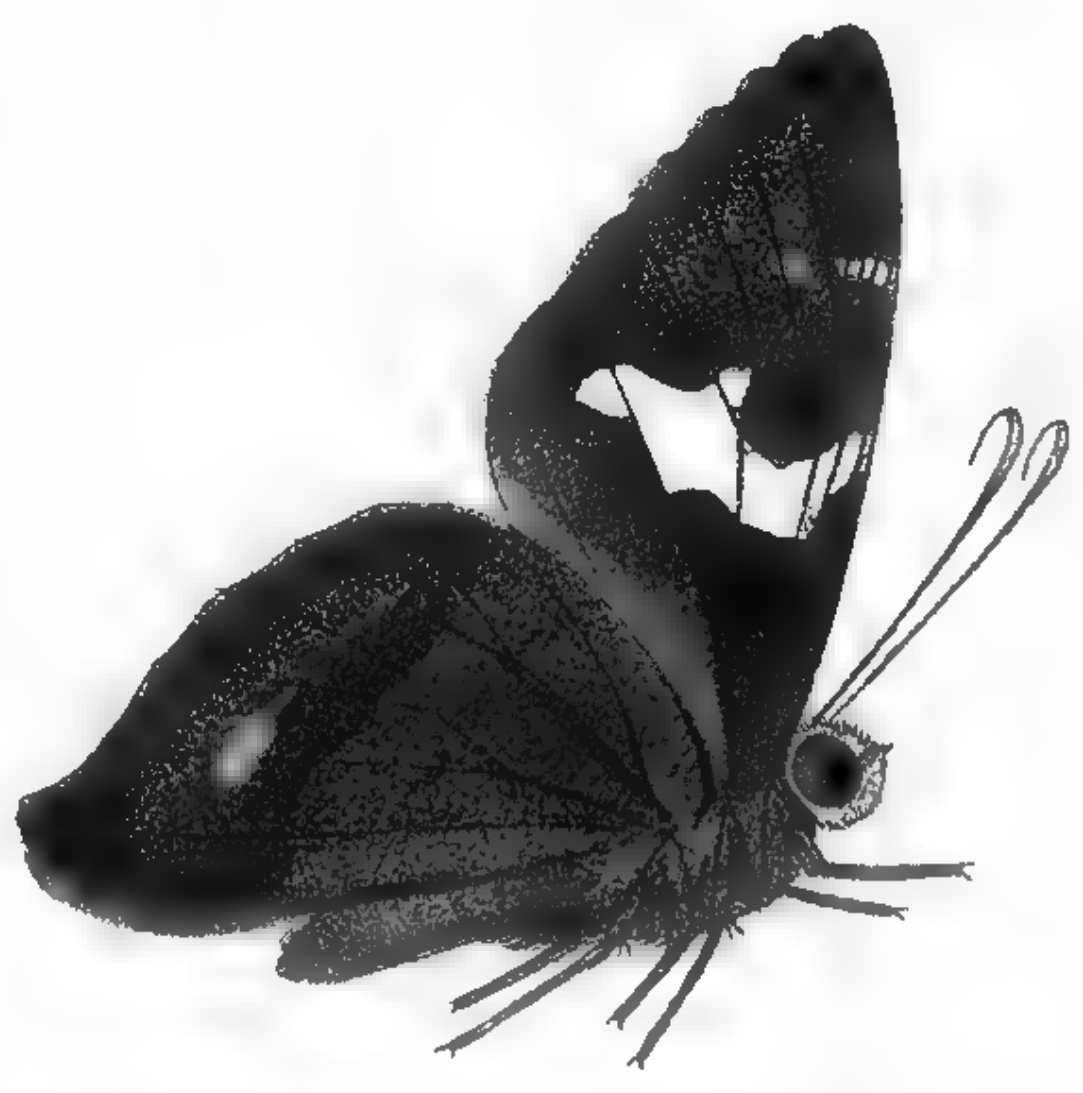
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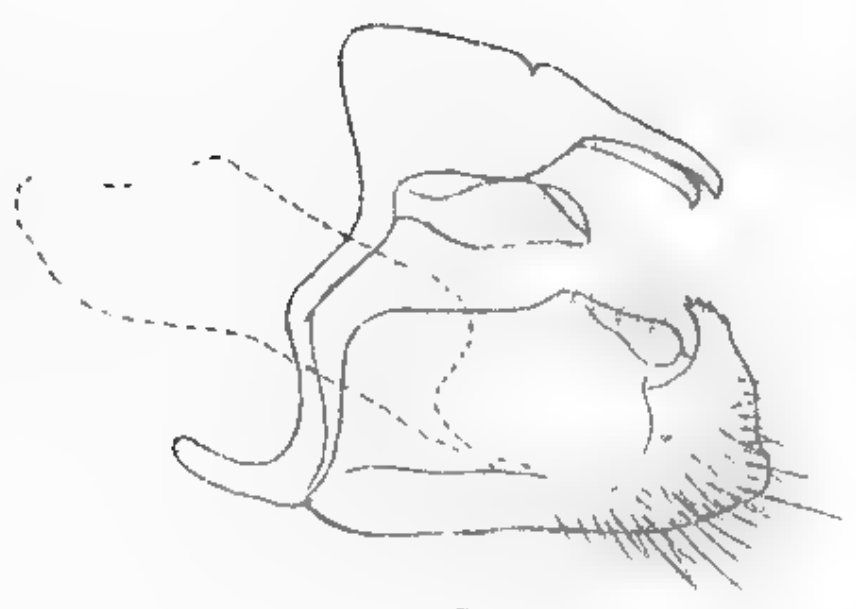
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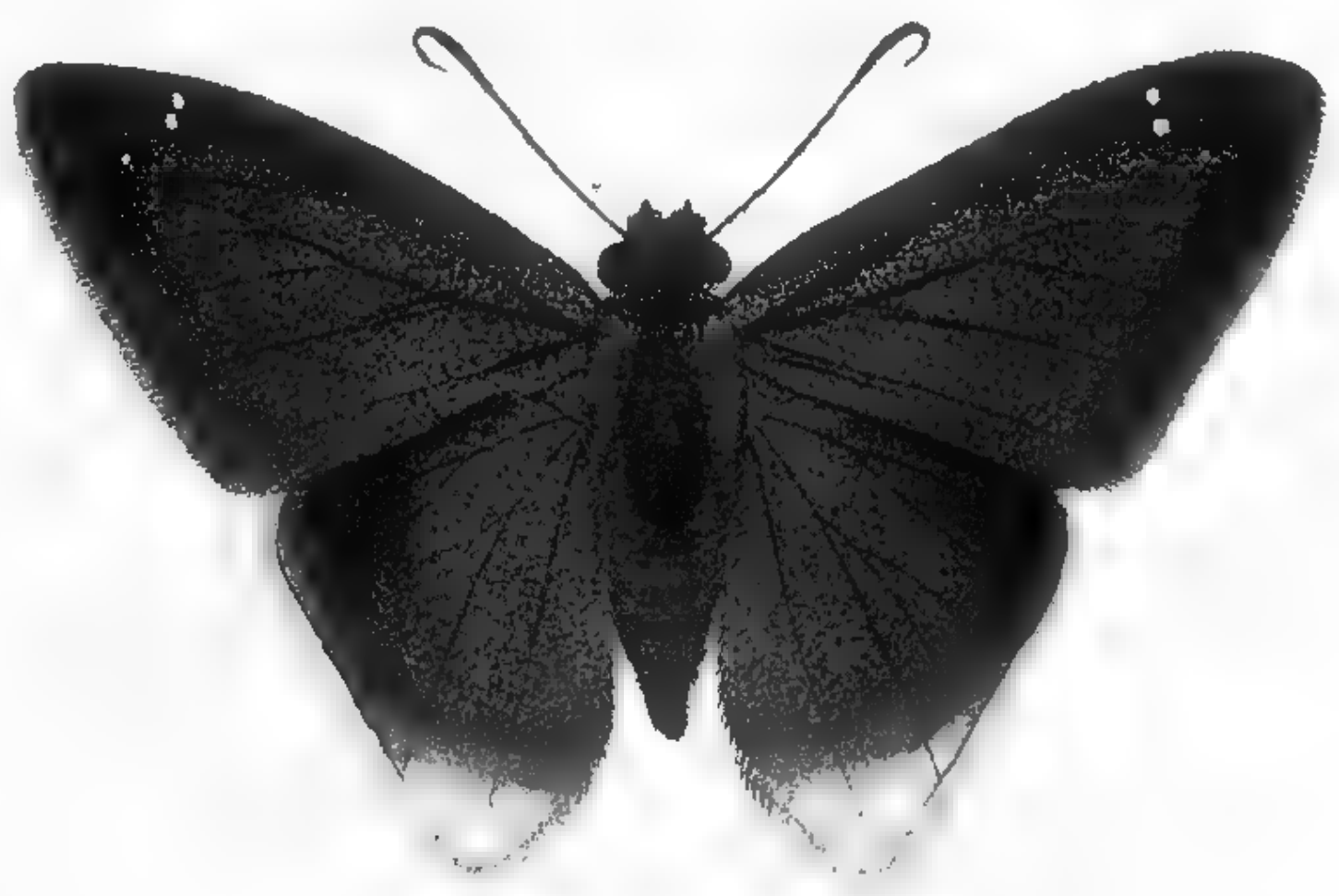
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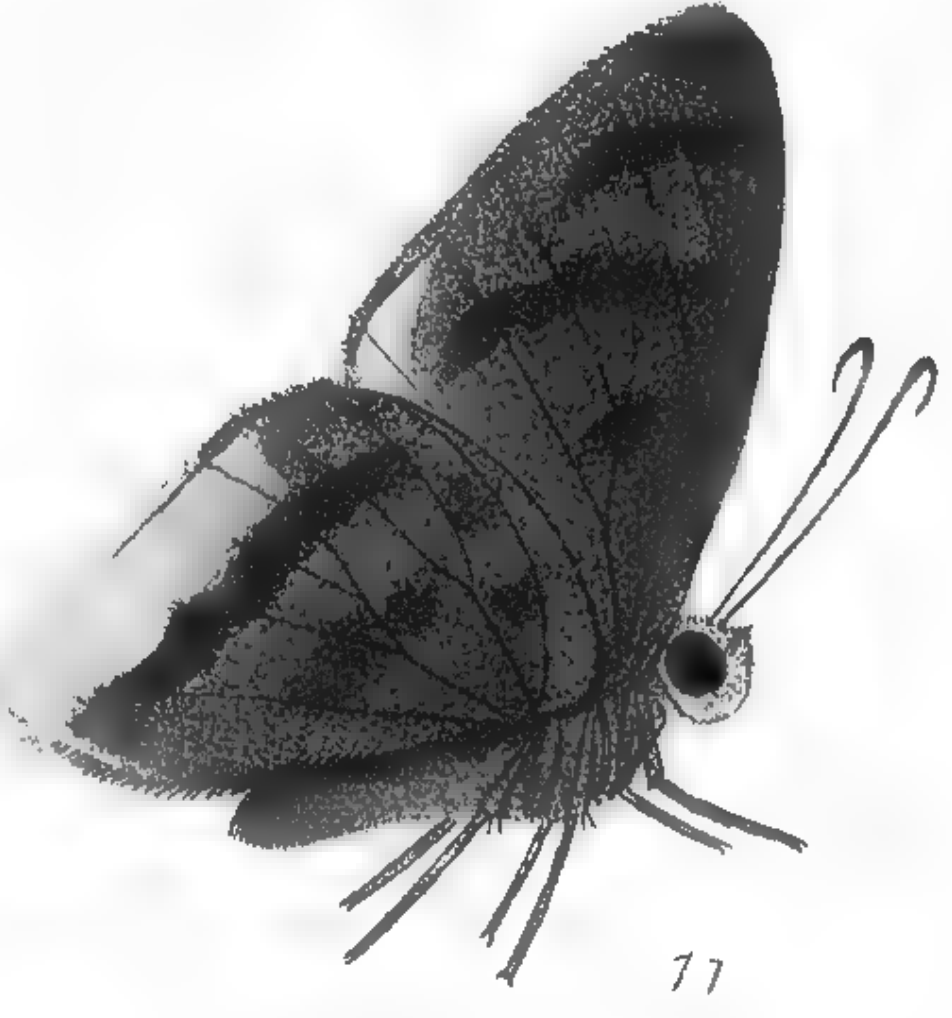
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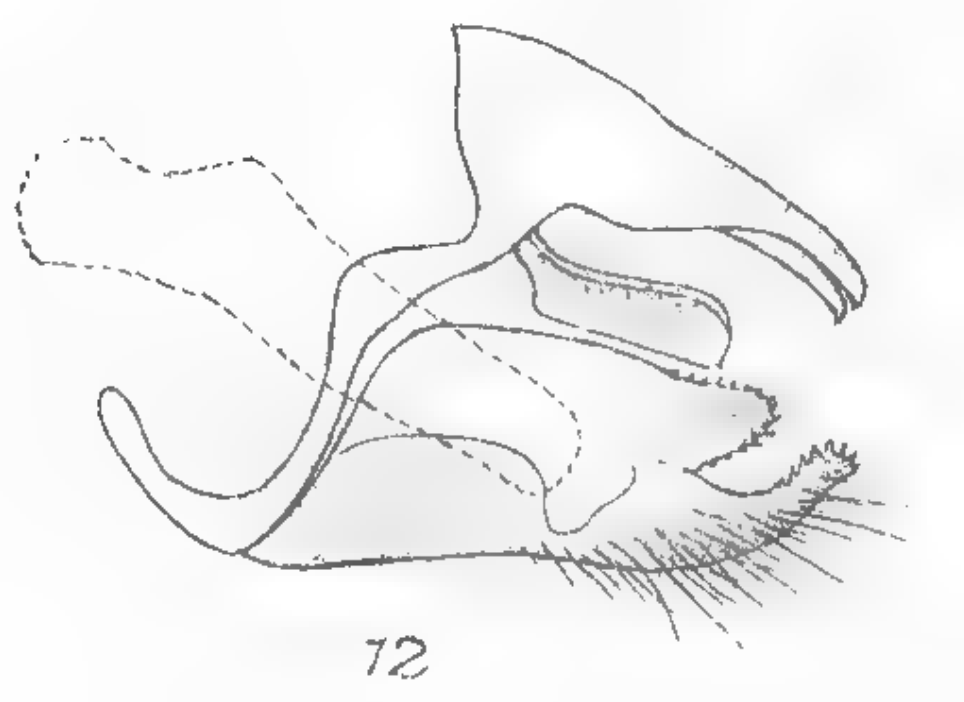
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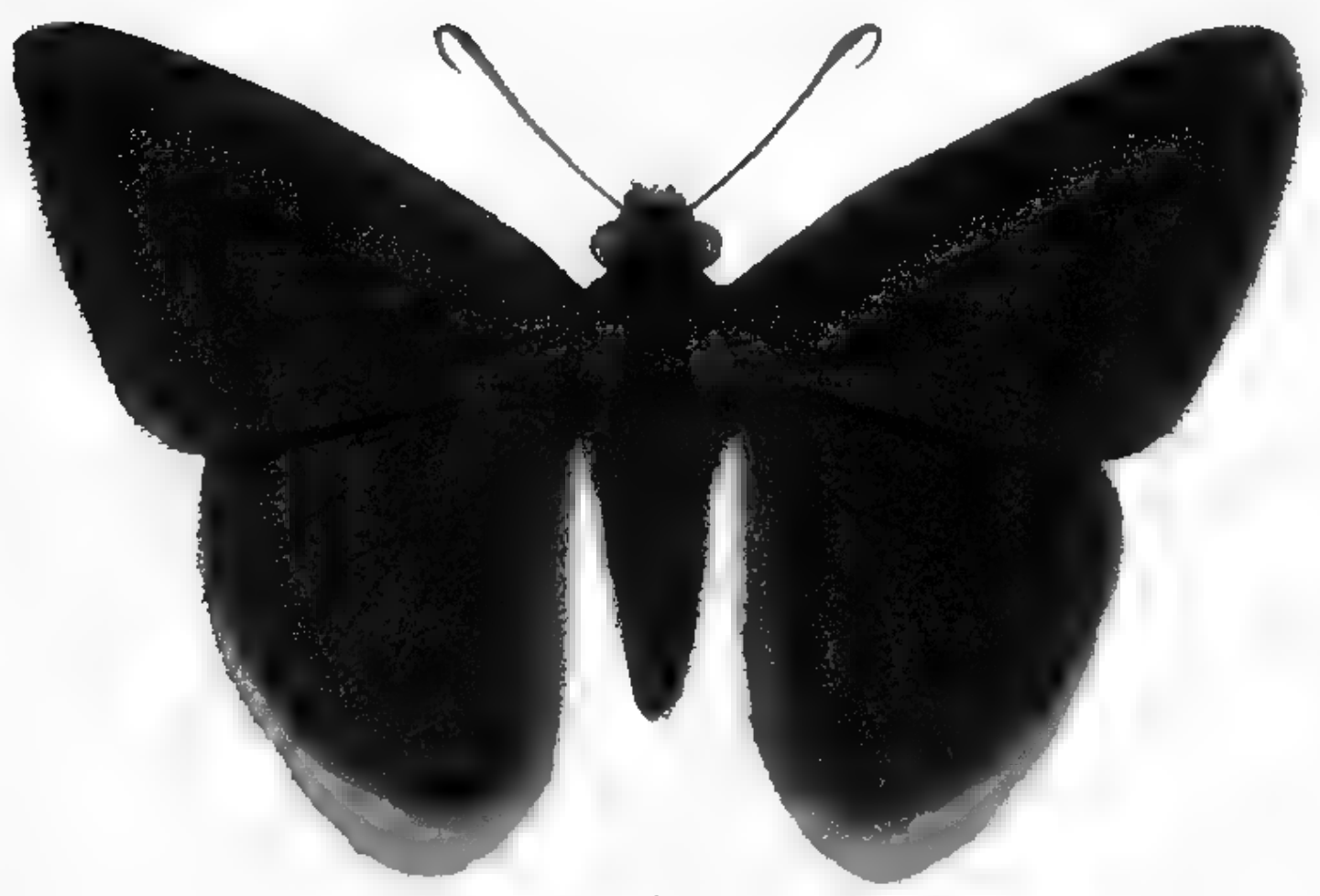
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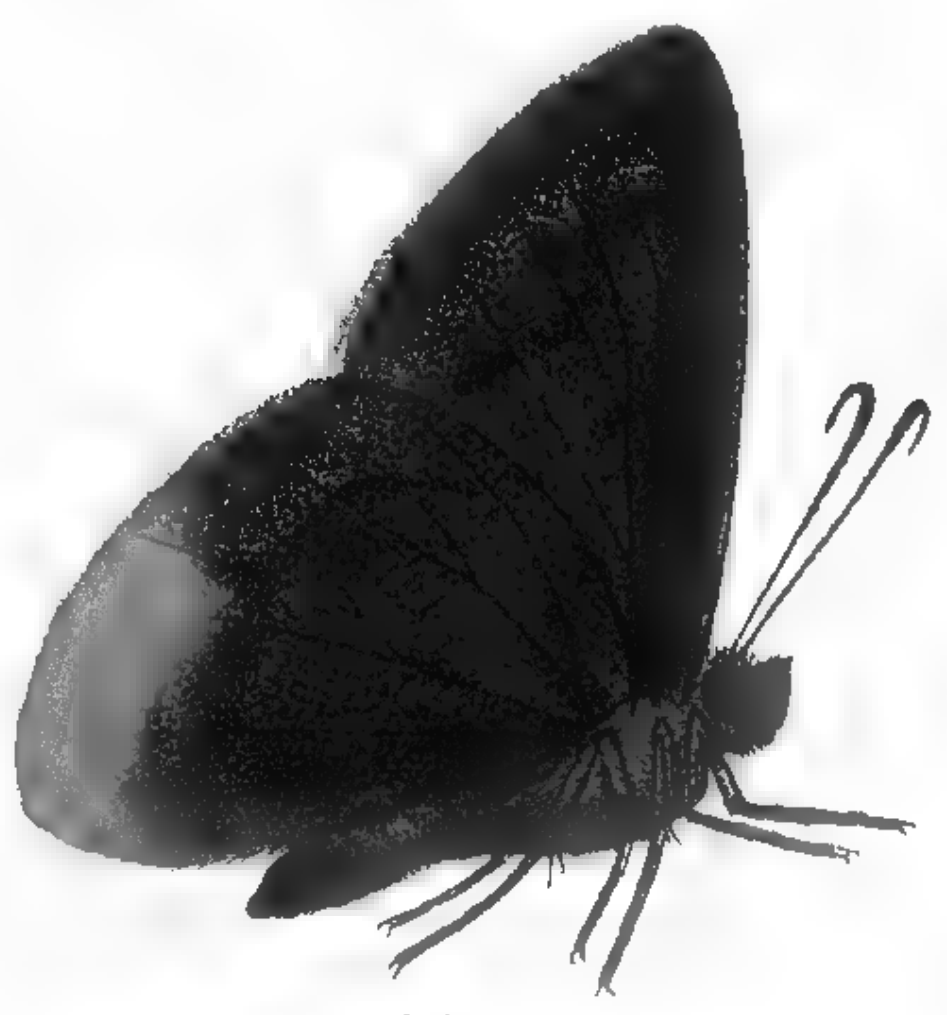
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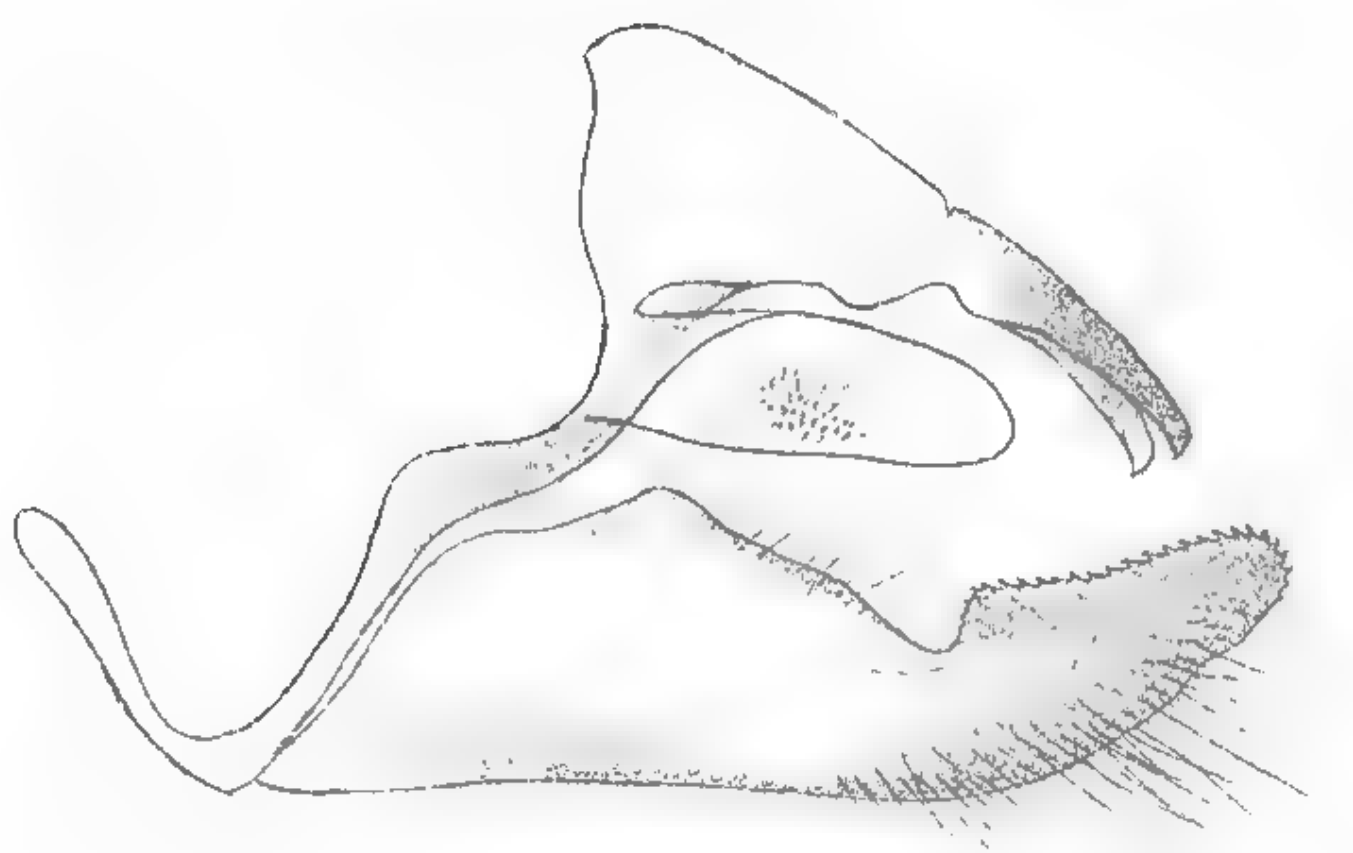
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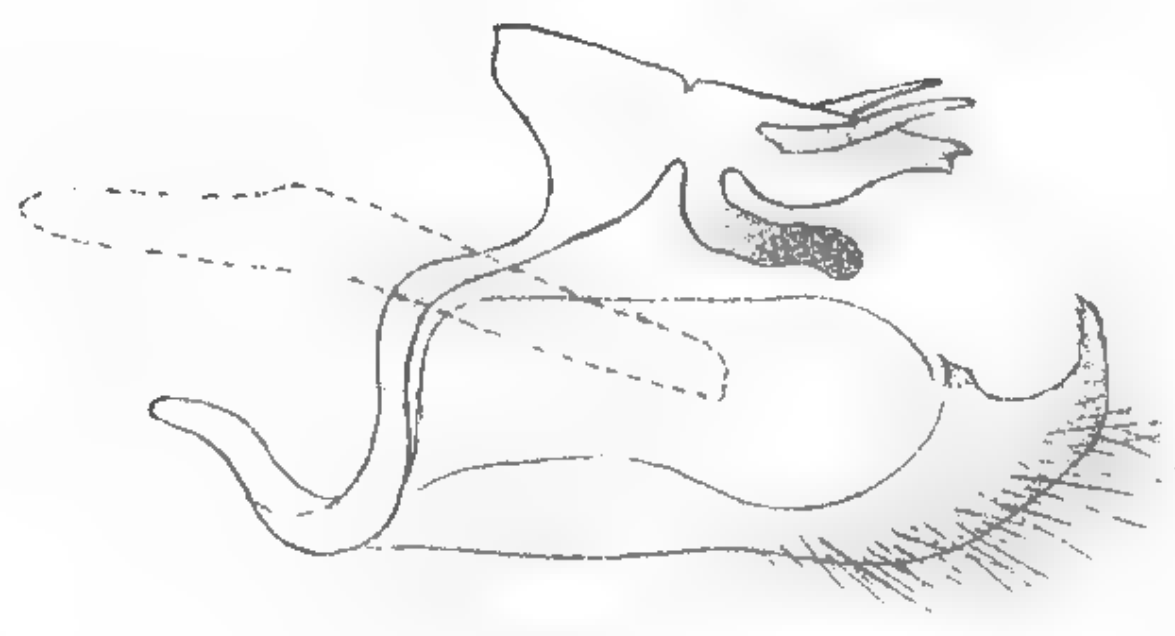
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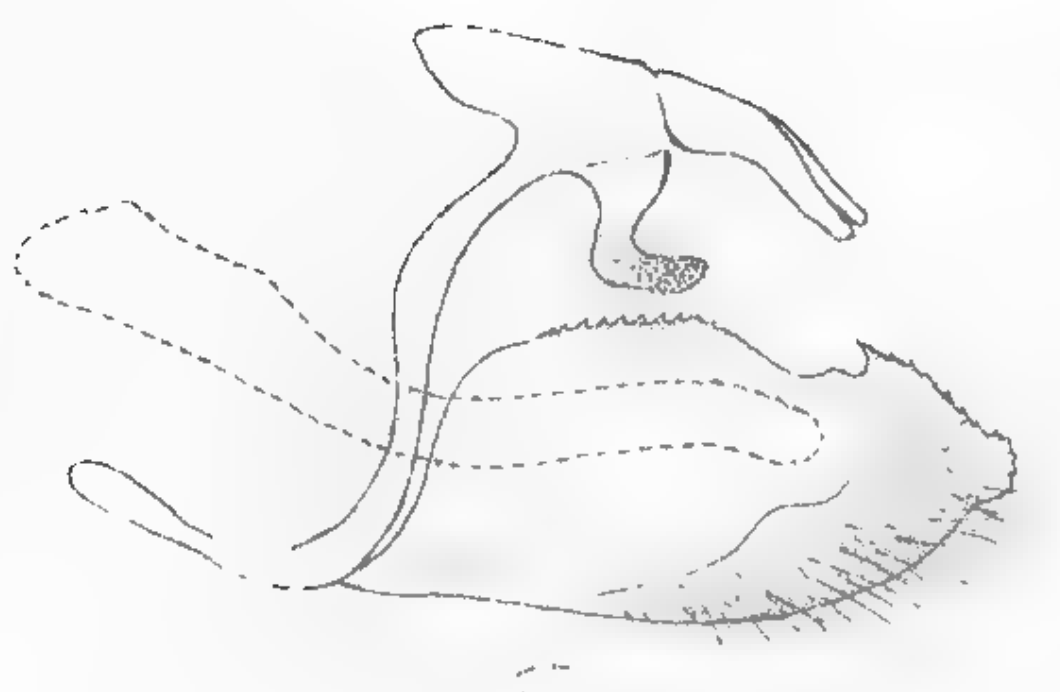
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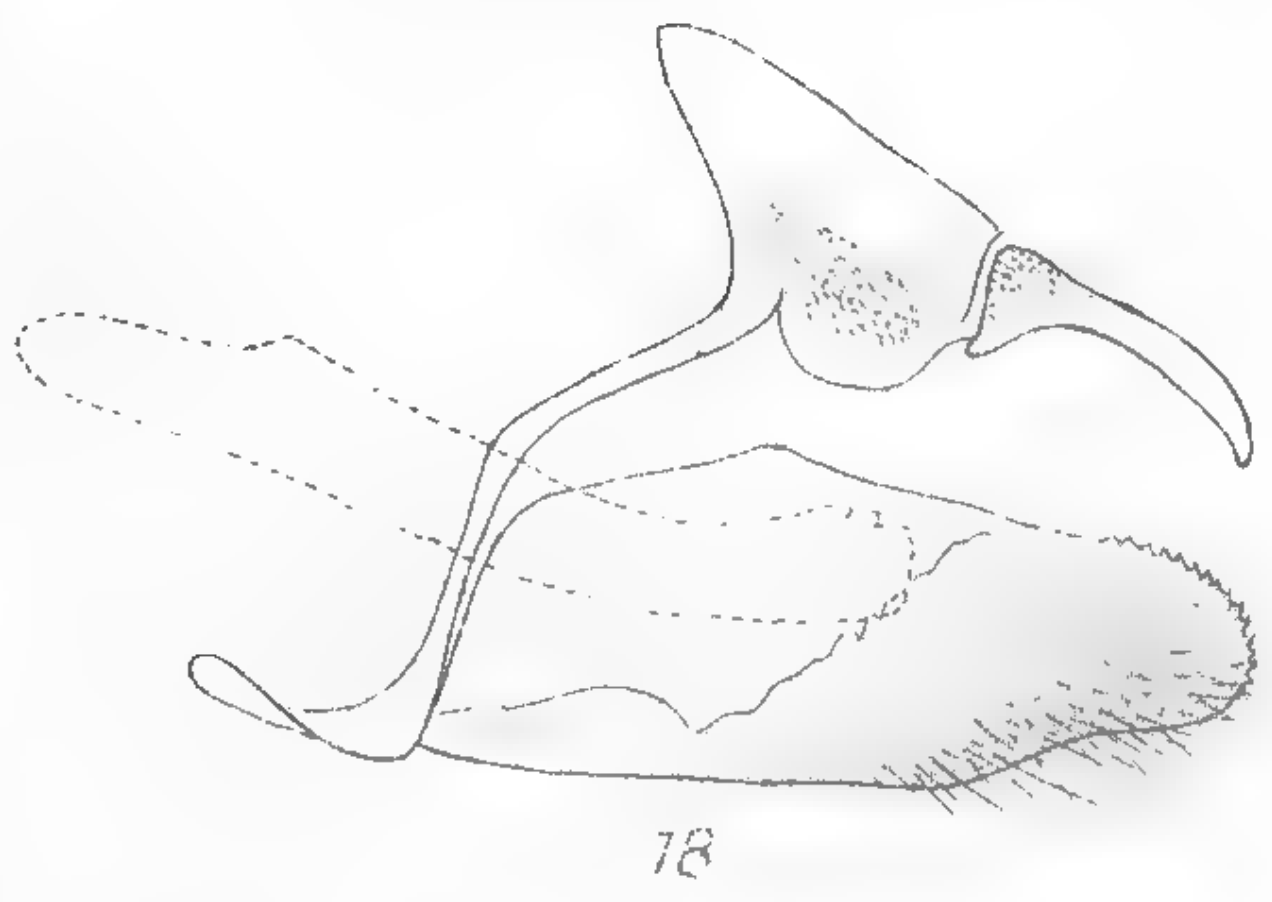
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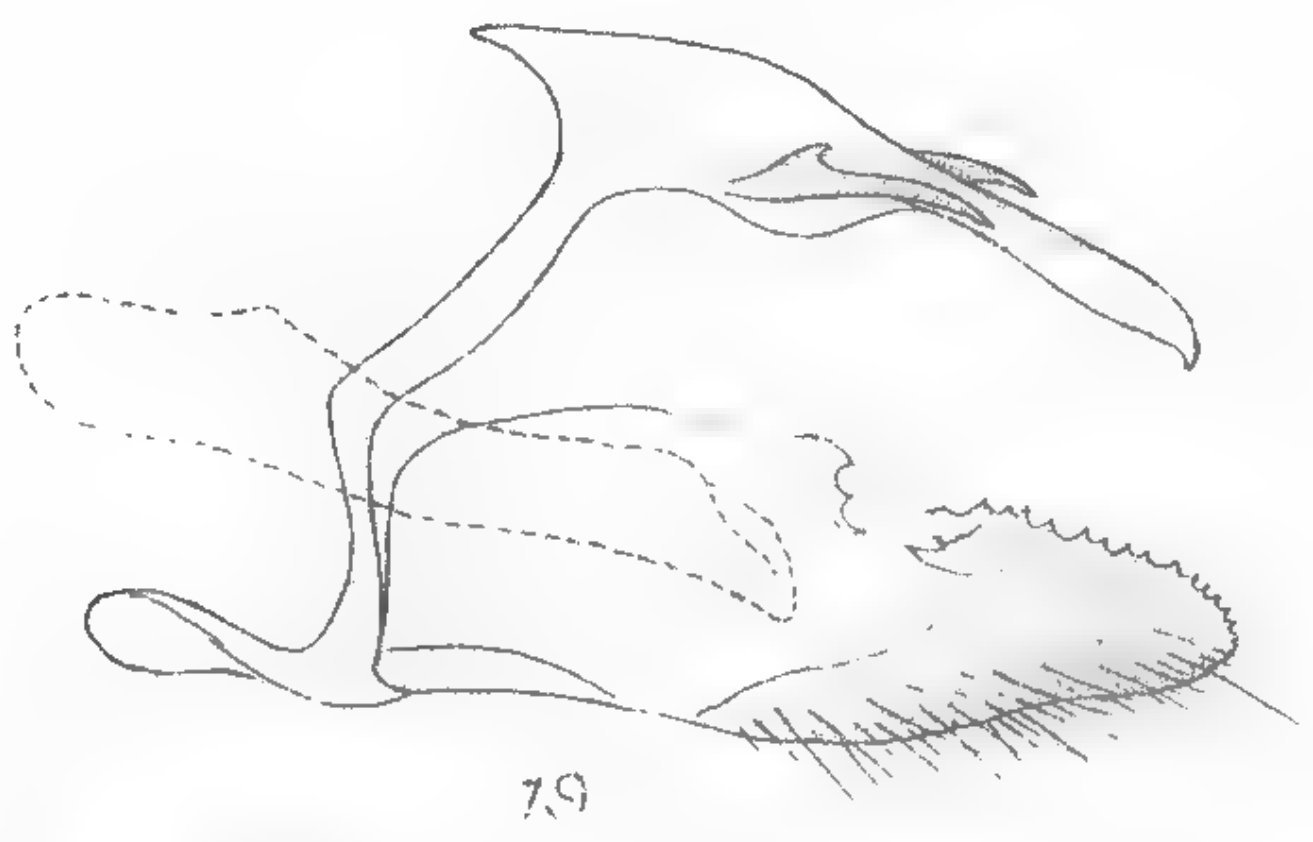
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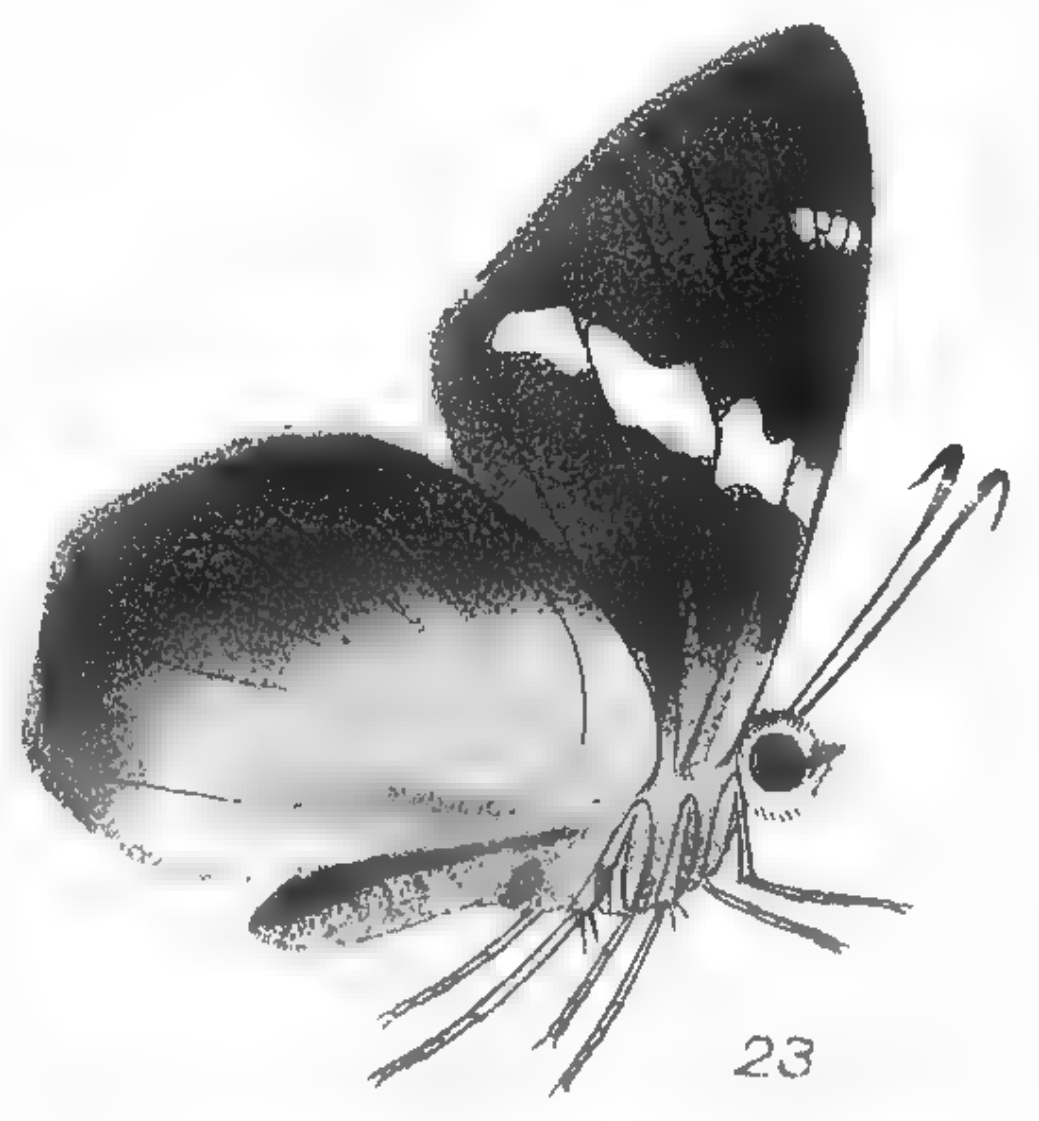
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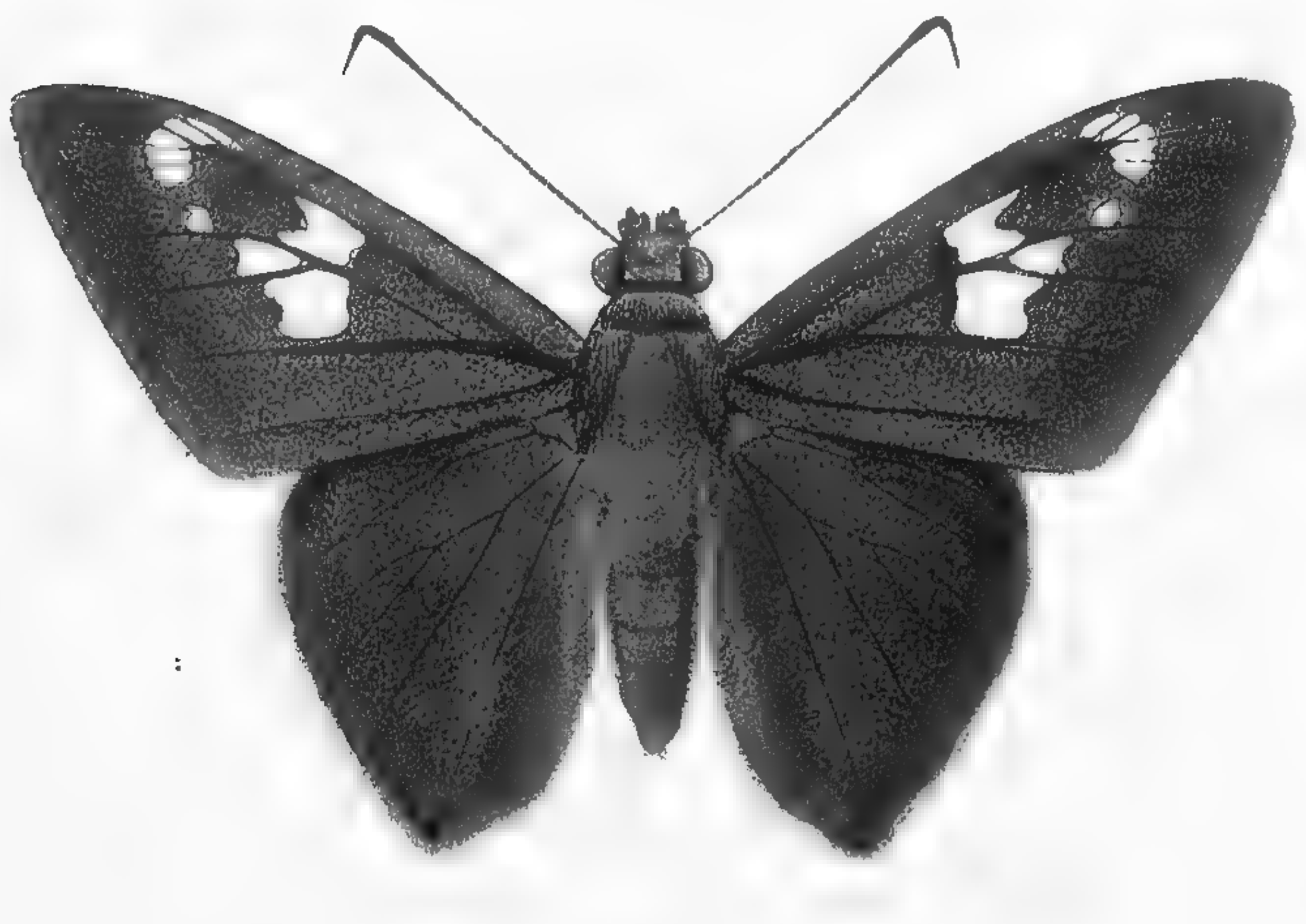
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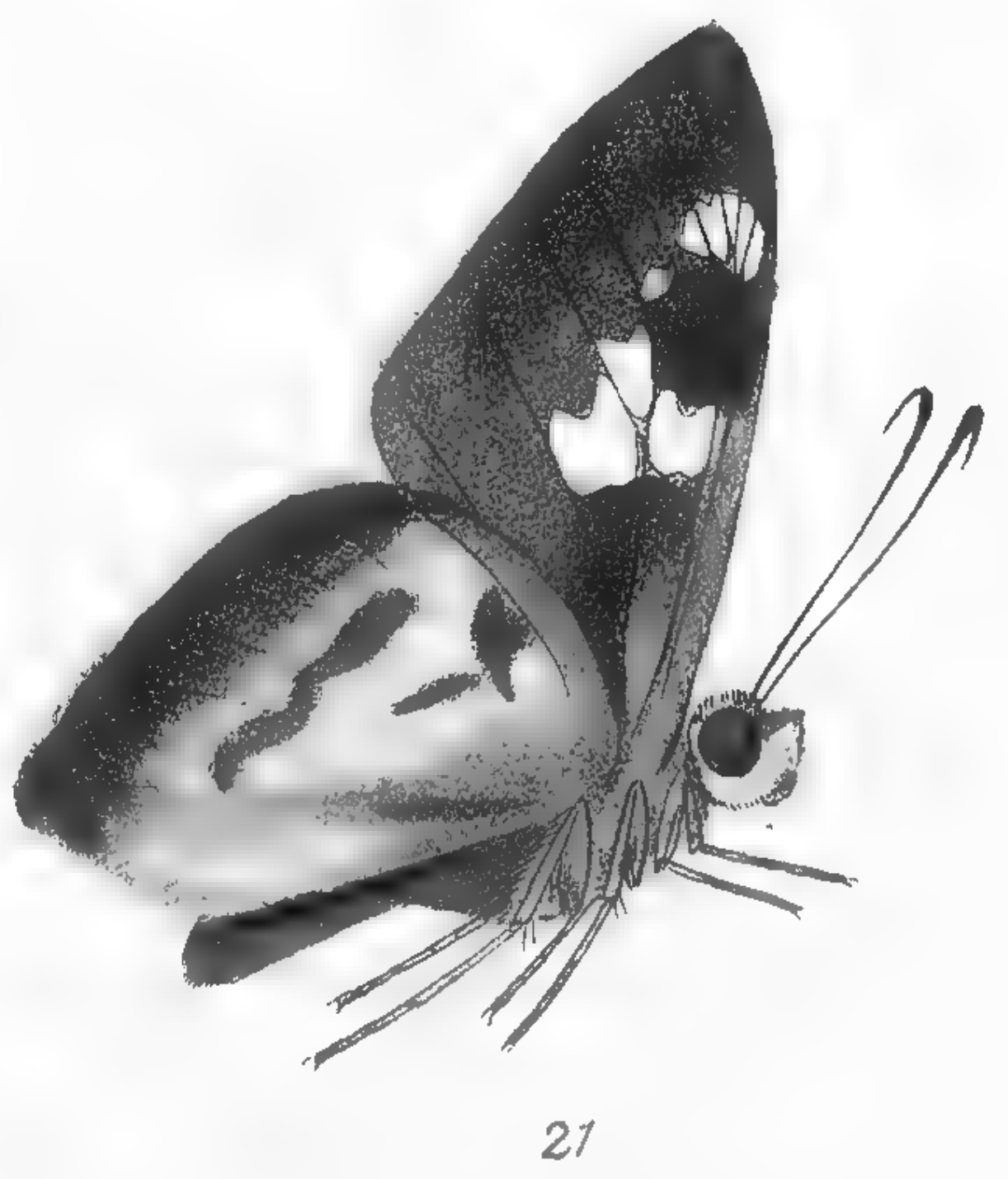
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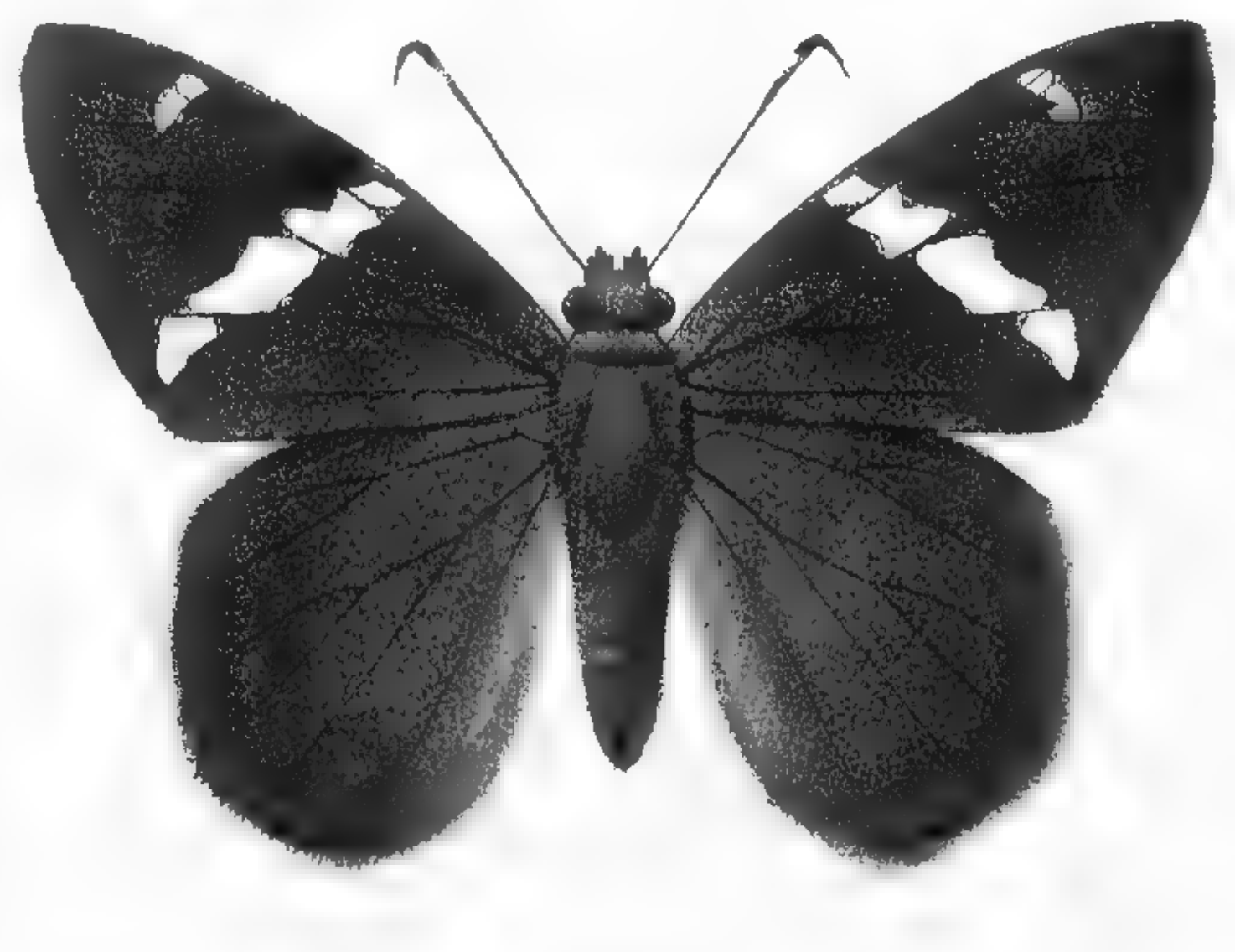
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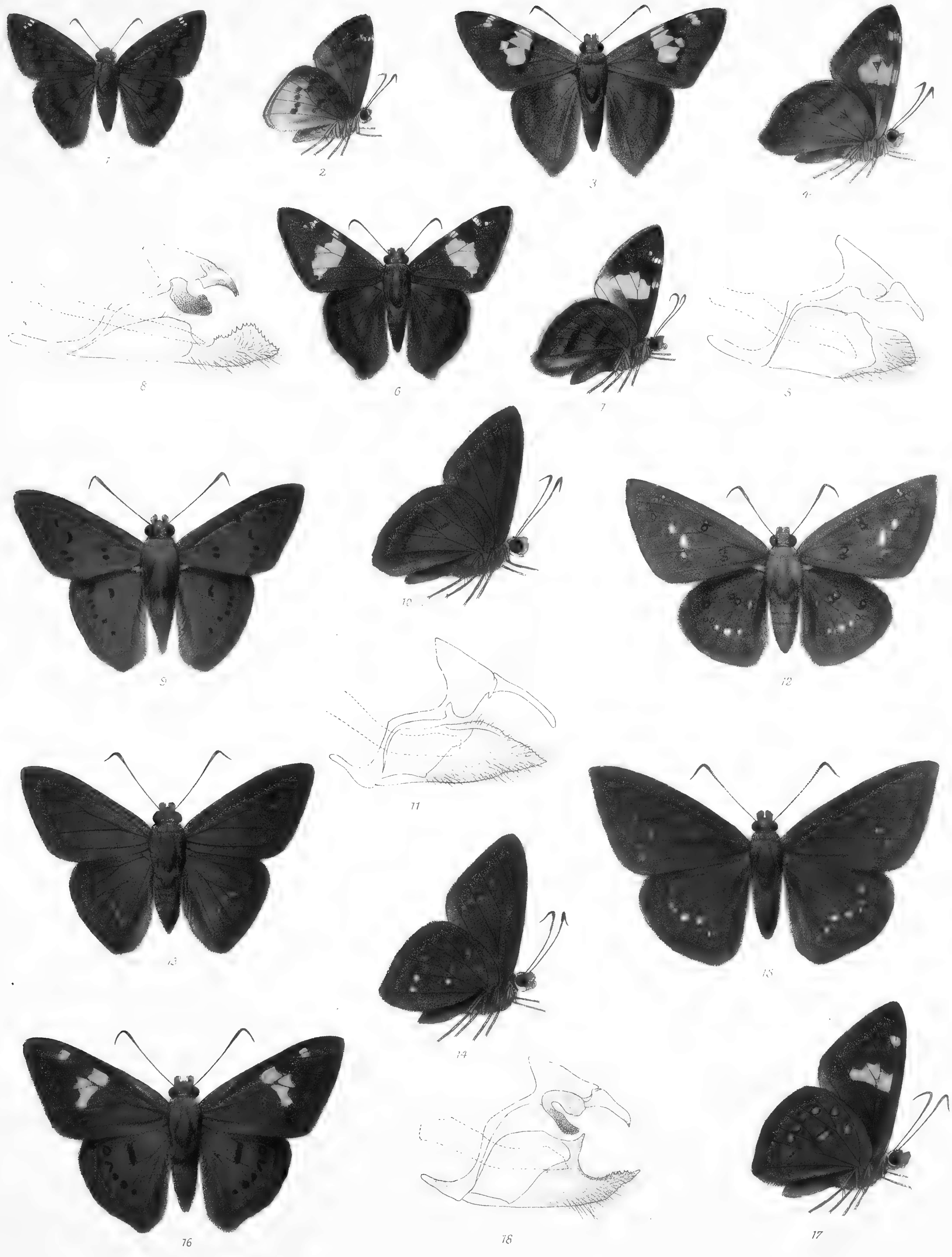
1♂ THYMELE FULGERATOR.
2♂ " ENOTRUS.
3,4♂ " ENIOPÆUS.
5,6 " FULVILUNA.
7,8 " MEPHITIS.

9♂ THYMELE EGREGIUS.
10,11,12♂ " PHALÆCUS.
13,14♂ " CHYSORRHŒA.
15♂ " AULESTES.
16♂ TELEMIADES AVITUS.

17♂ TELEMIADES PHASIAS.
18♂ DYSCOPHELLUS DORISCUS.
19♂ NASCUS PHOCUS.
20,21♂ " EUGAMON.
22,23♀ " EVATHLUS.

W. Purkiss lith.
Hanhart imp.
628.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Centimetres
Inches



1.2♂ TELEMIADES MEGALLUS.
3,4,5♂ NASCUS CÆPIO.

6,7♂ NASCUS ADVENA.
8♂ BUNGALOTIS MIDAS.
9,10,11♂,12♀ » RAMUSIS.

13,14♂,15♀ BUNGALOTIS DEXO.
16,17,18♂ » HERAS.

W. Purkiss lith.

Hanhart imp
632

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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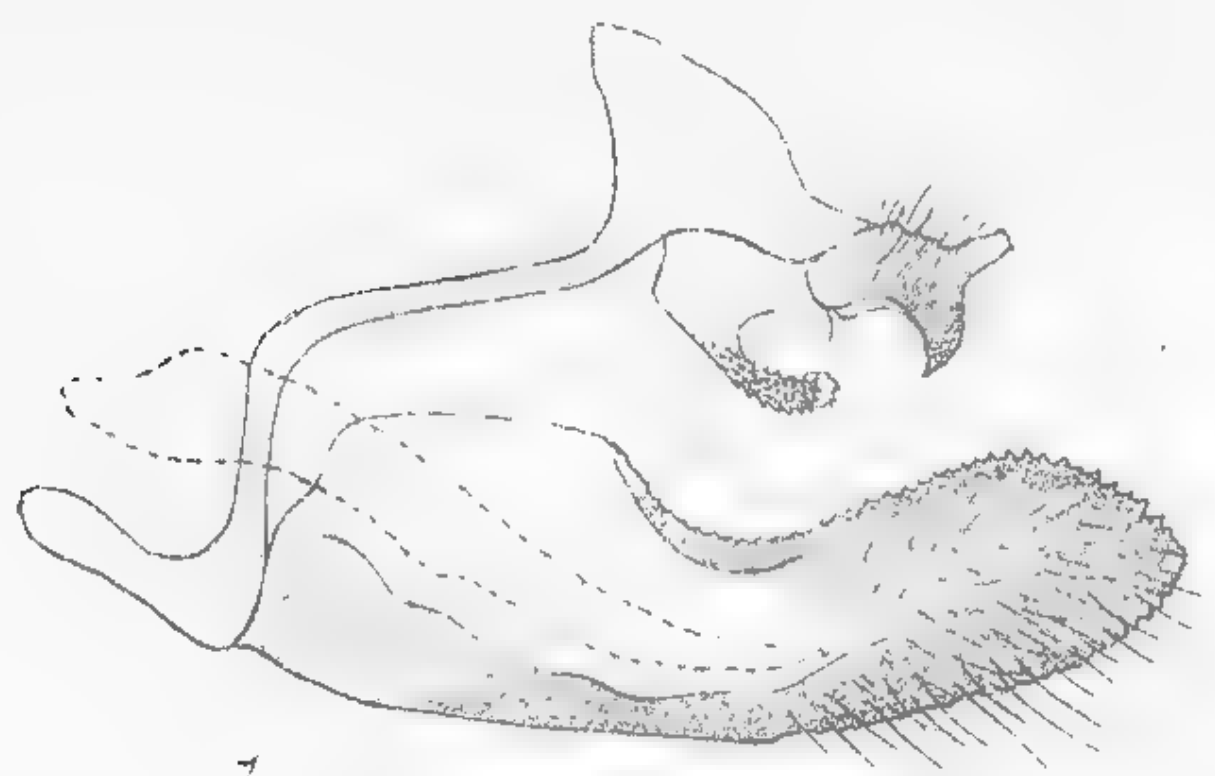
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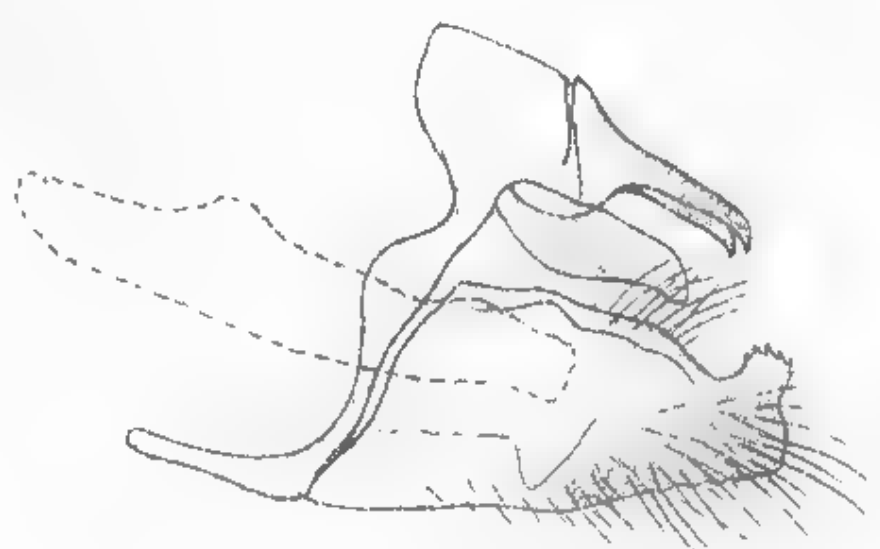
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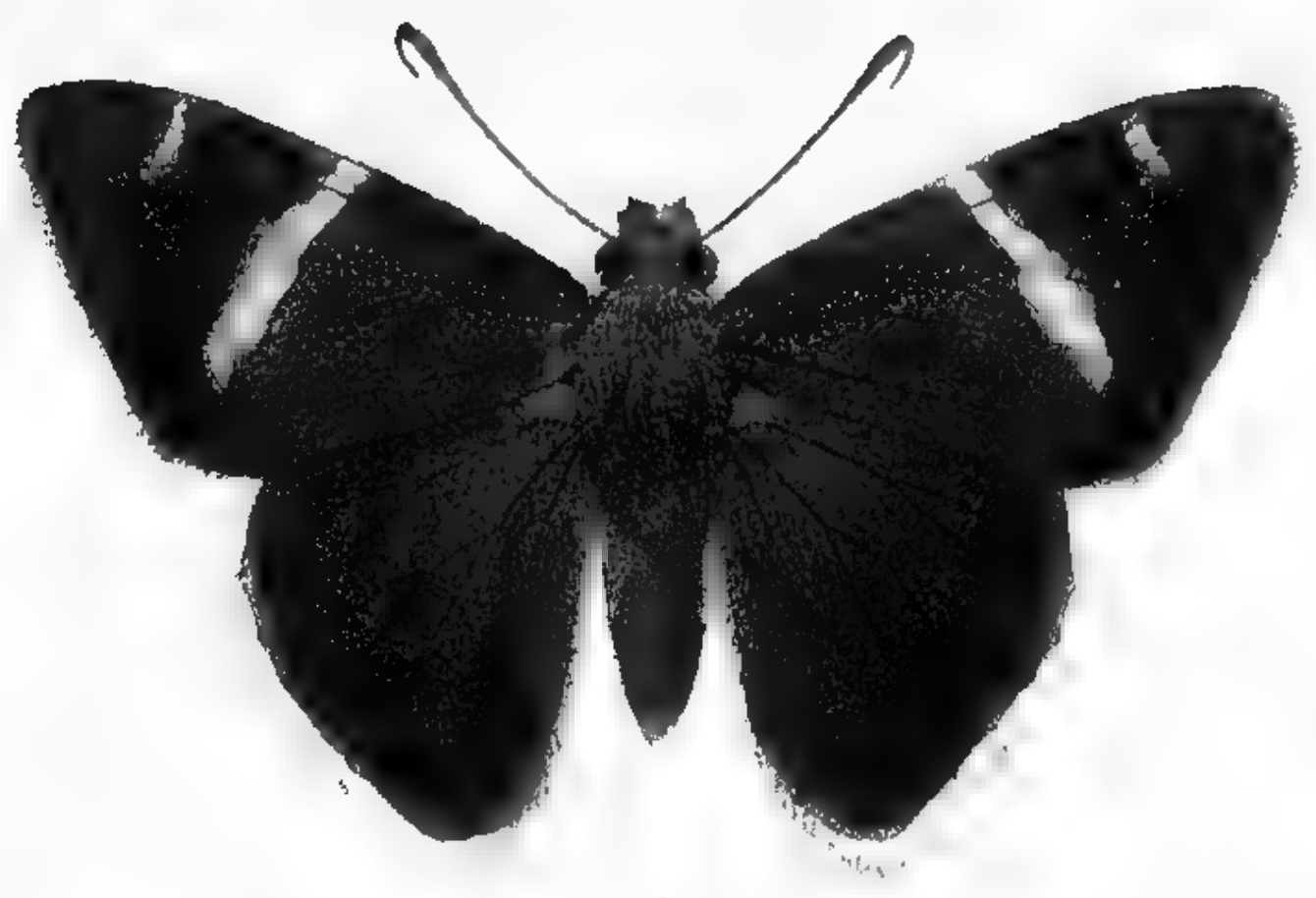
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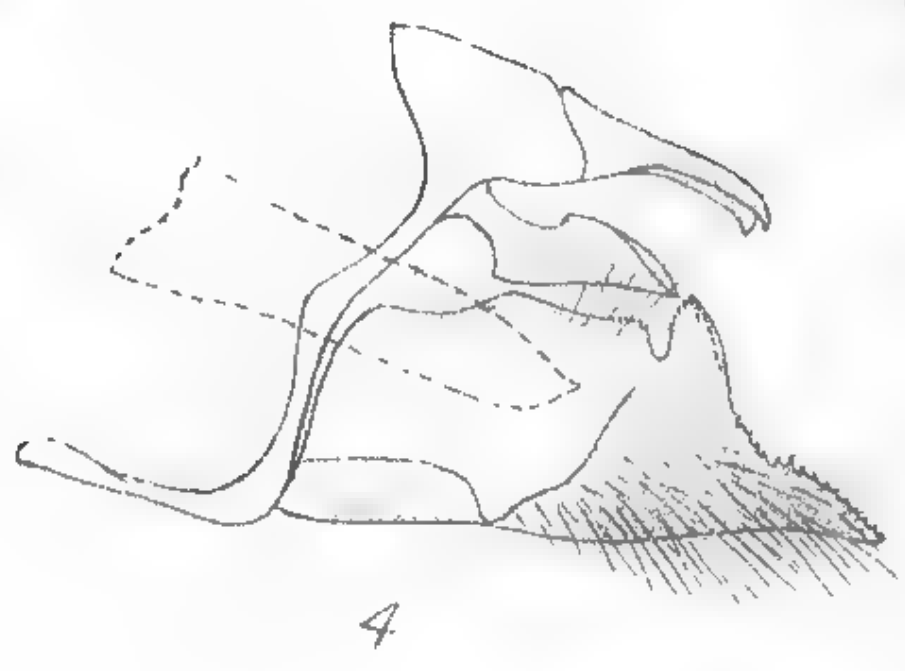
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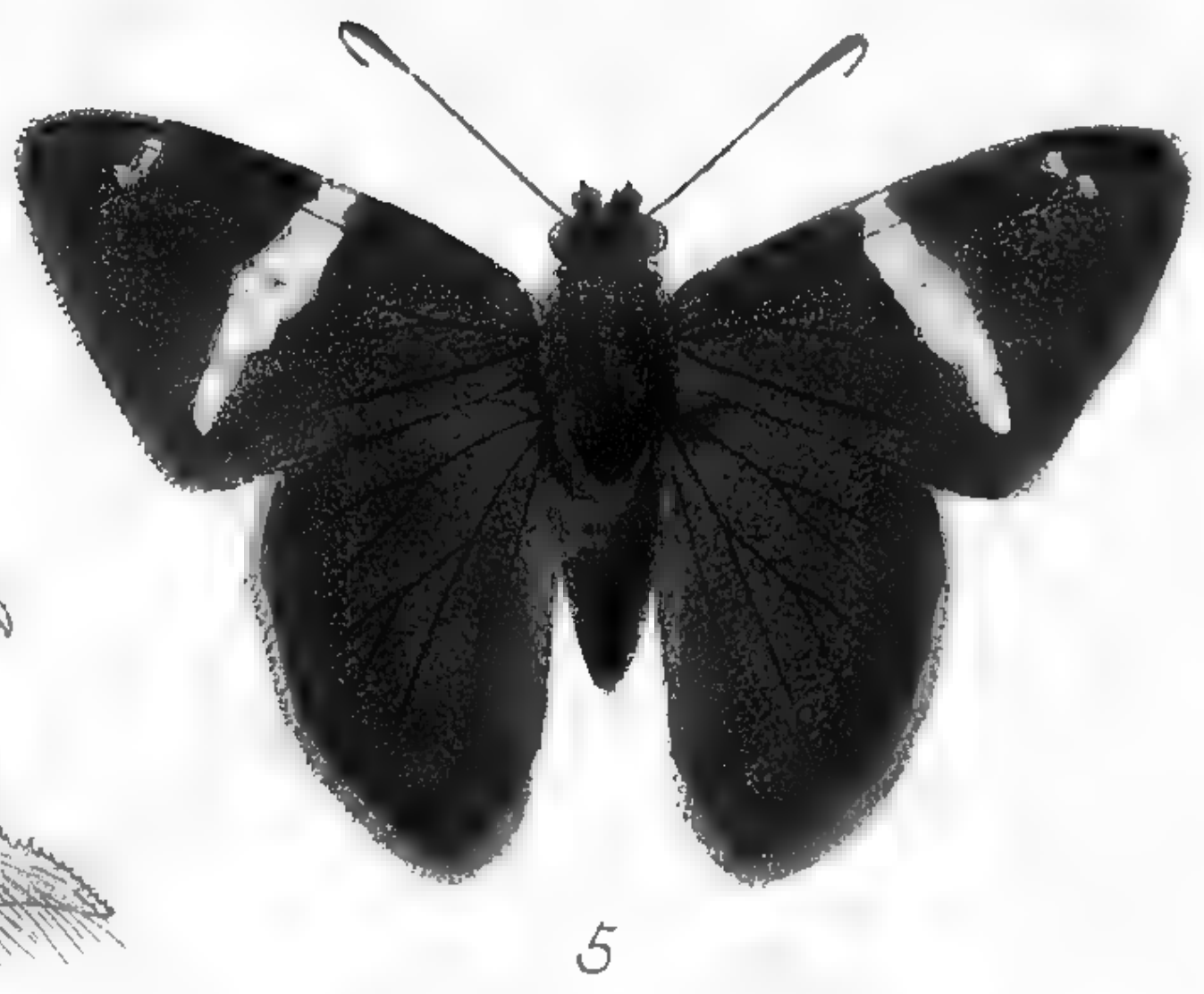
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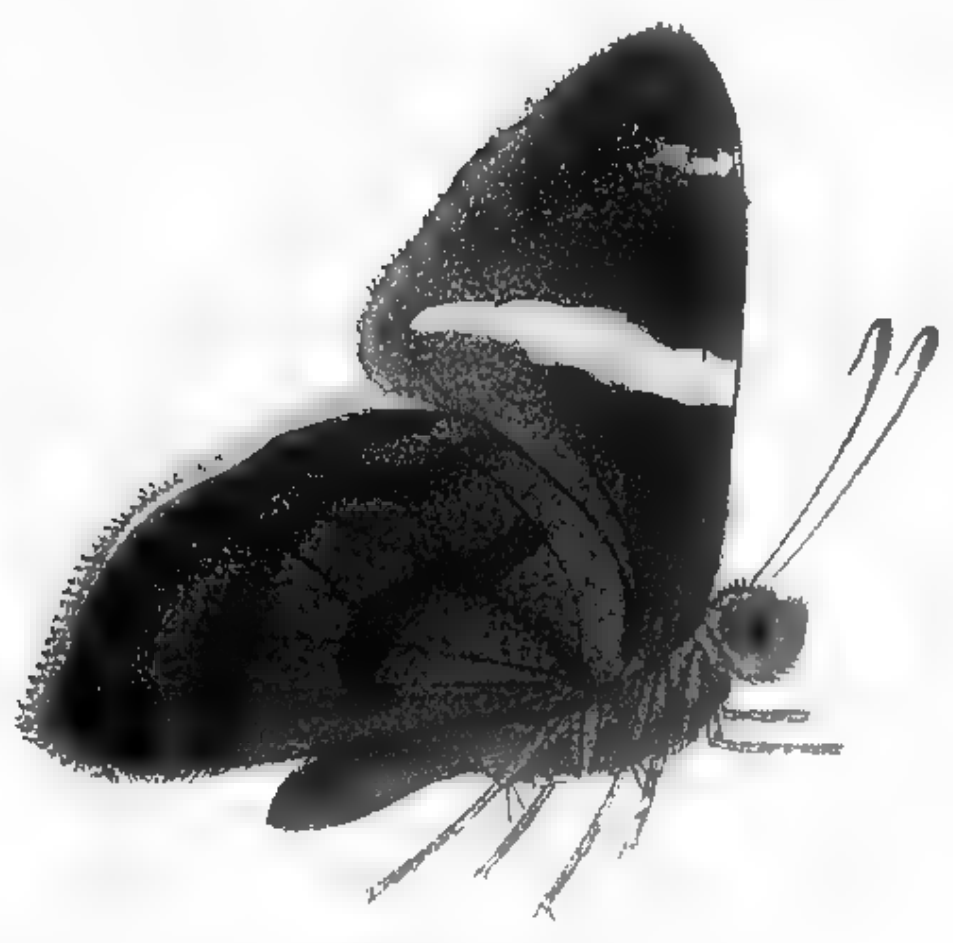
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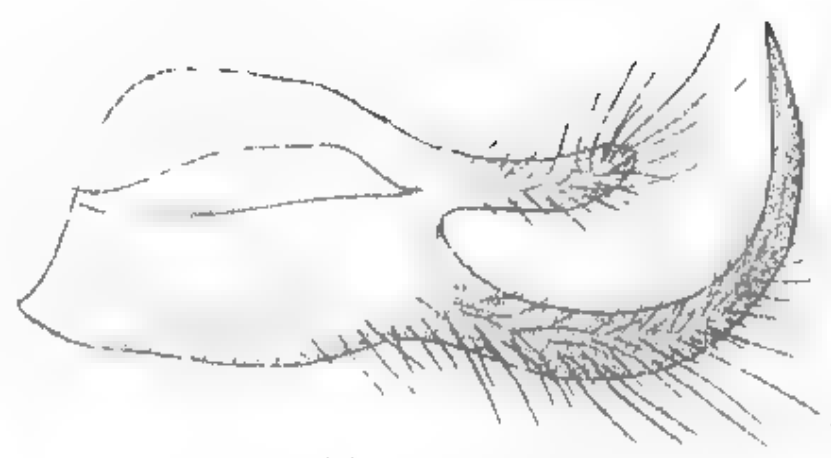
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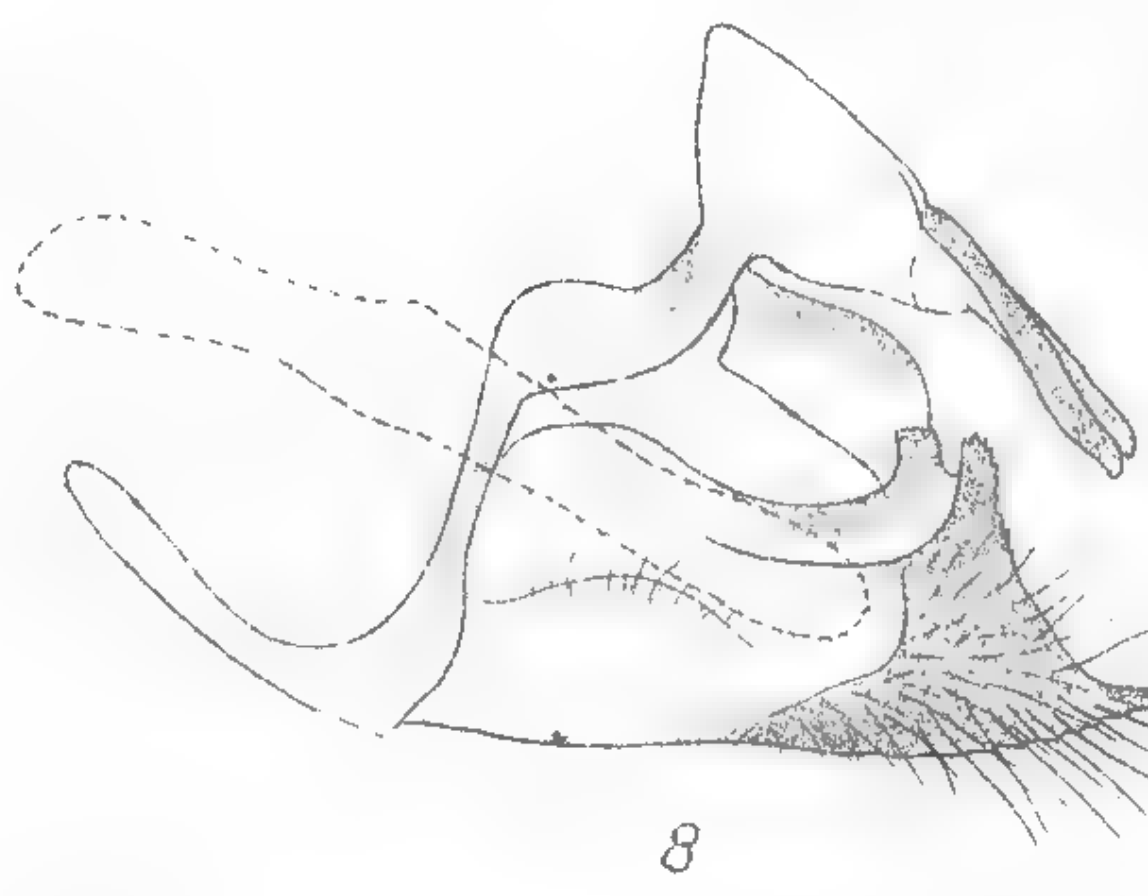
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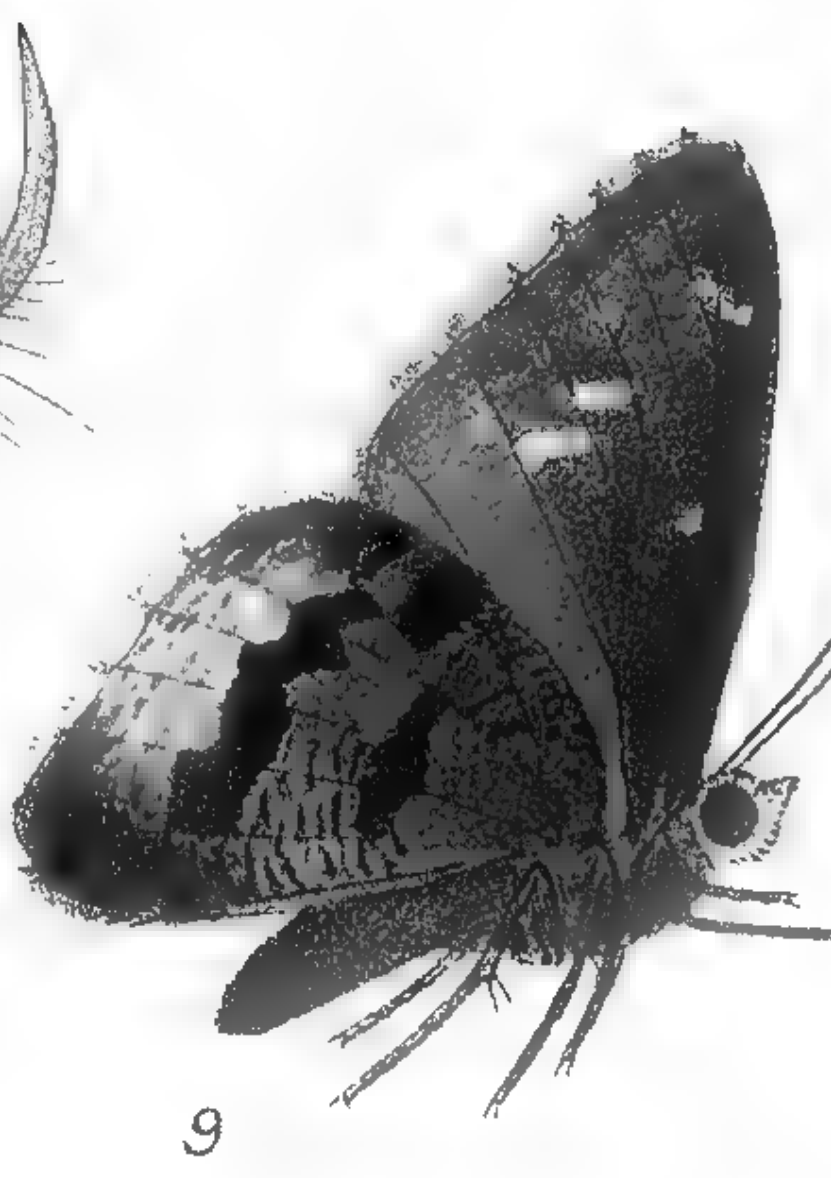
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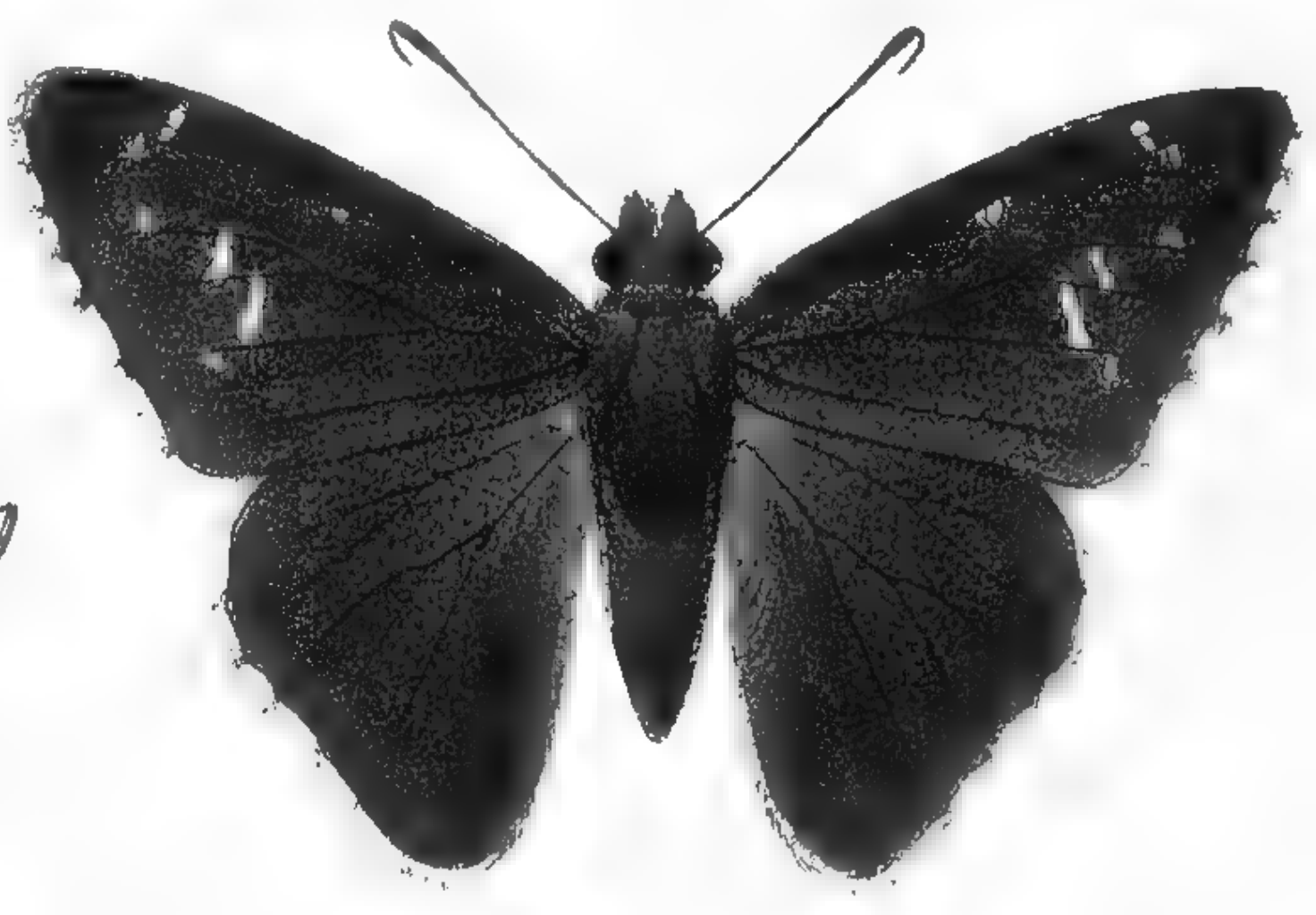
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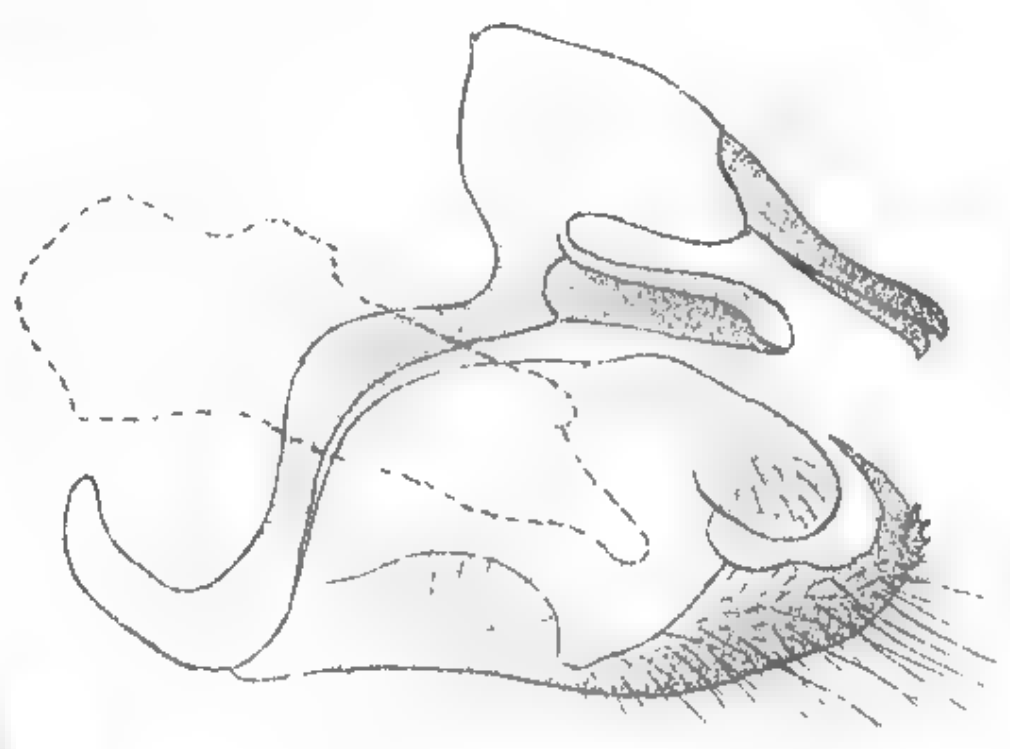
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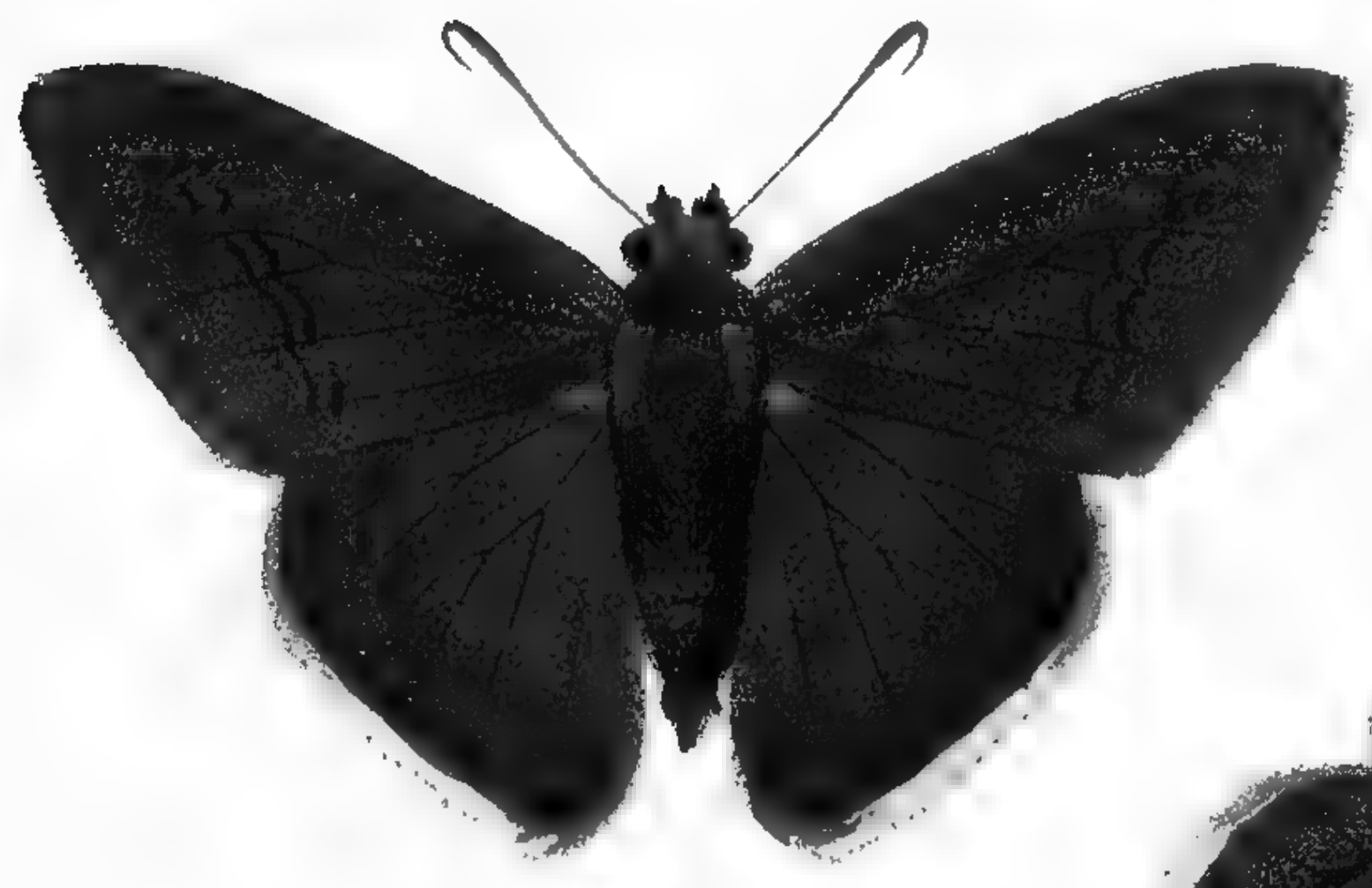
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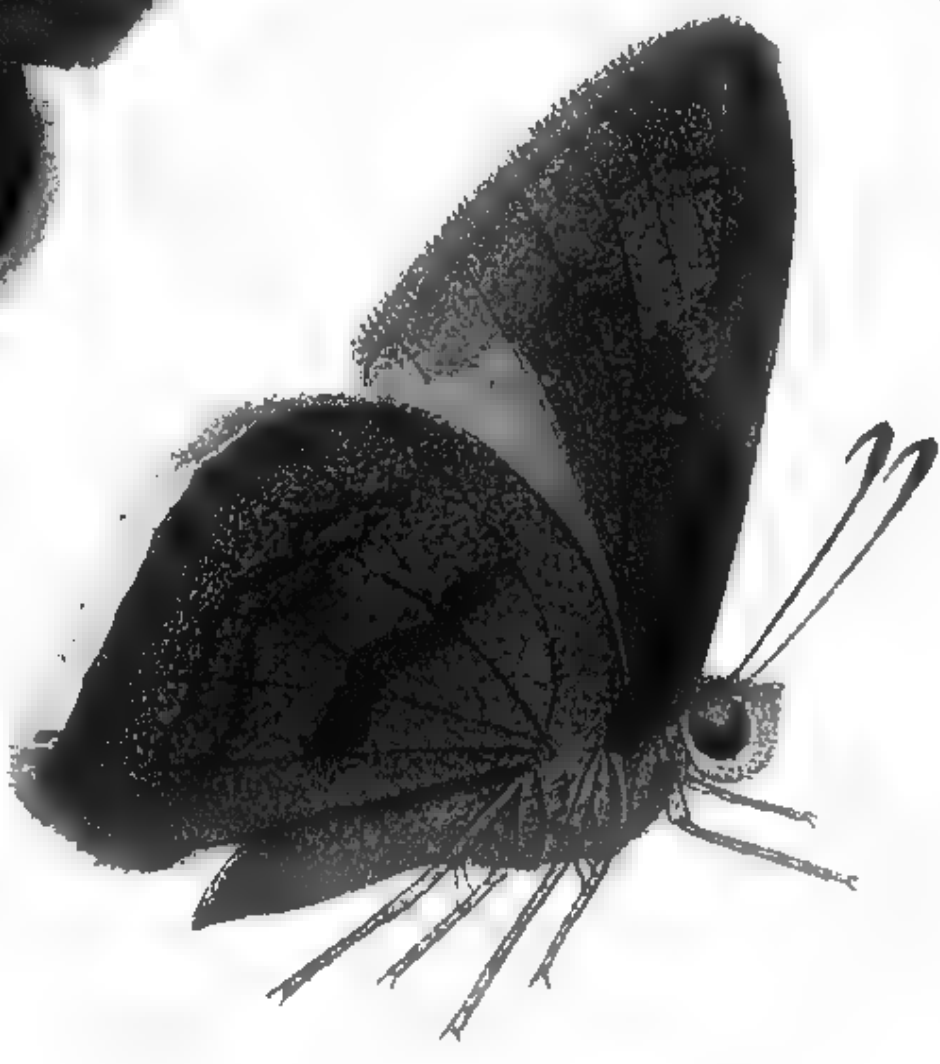
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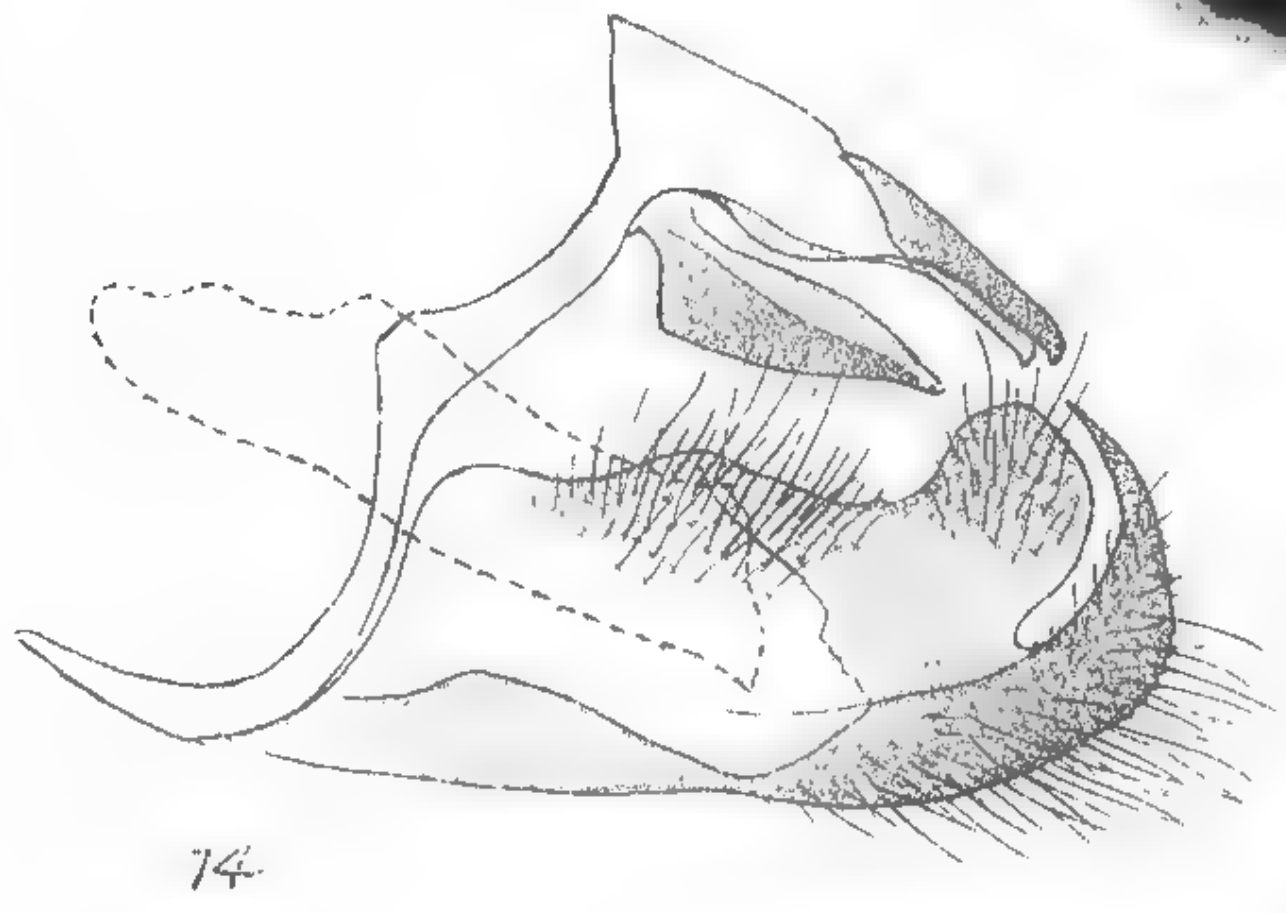
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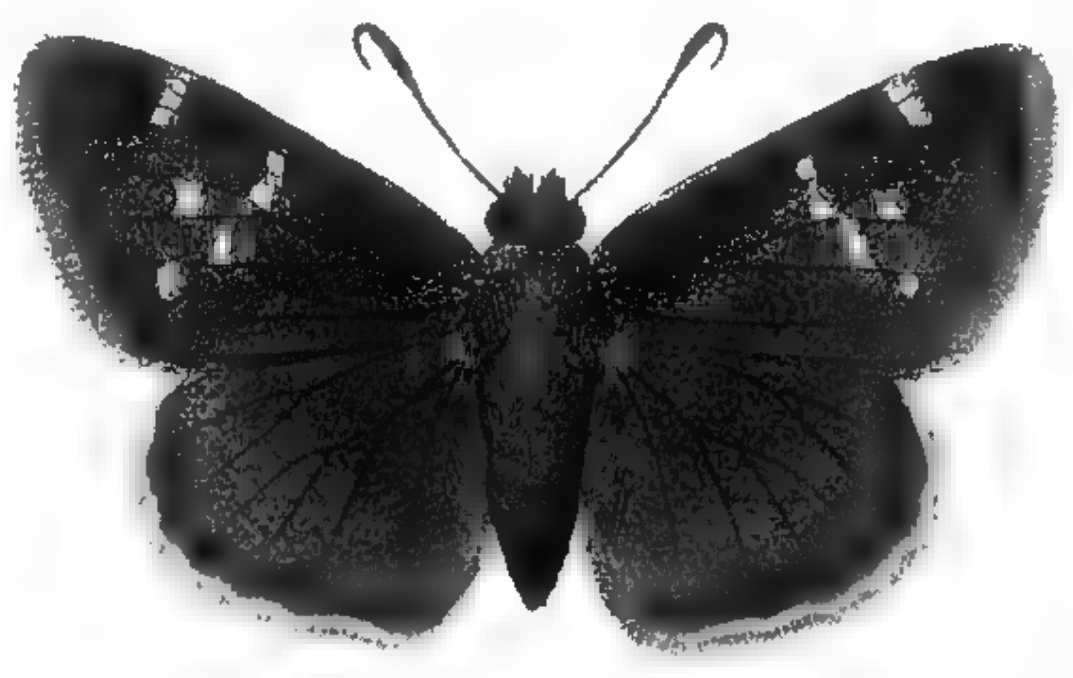
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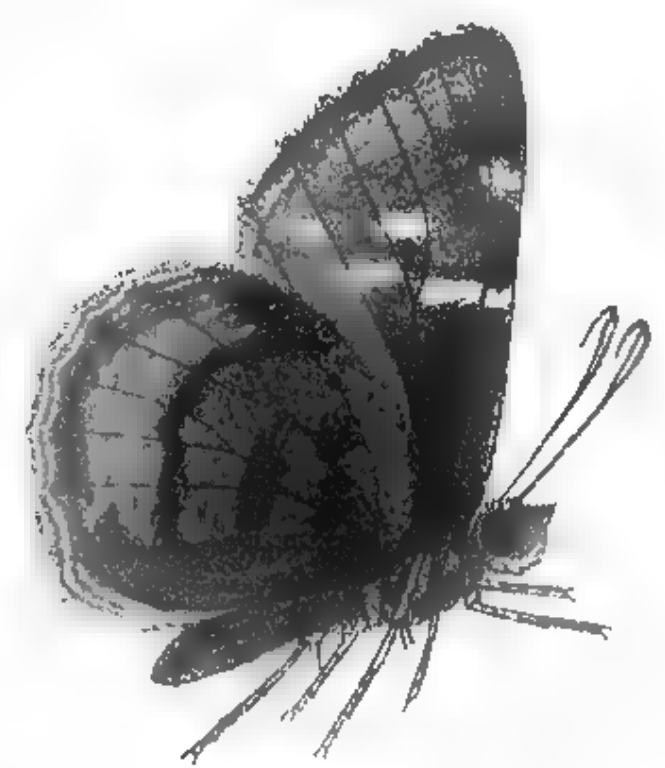
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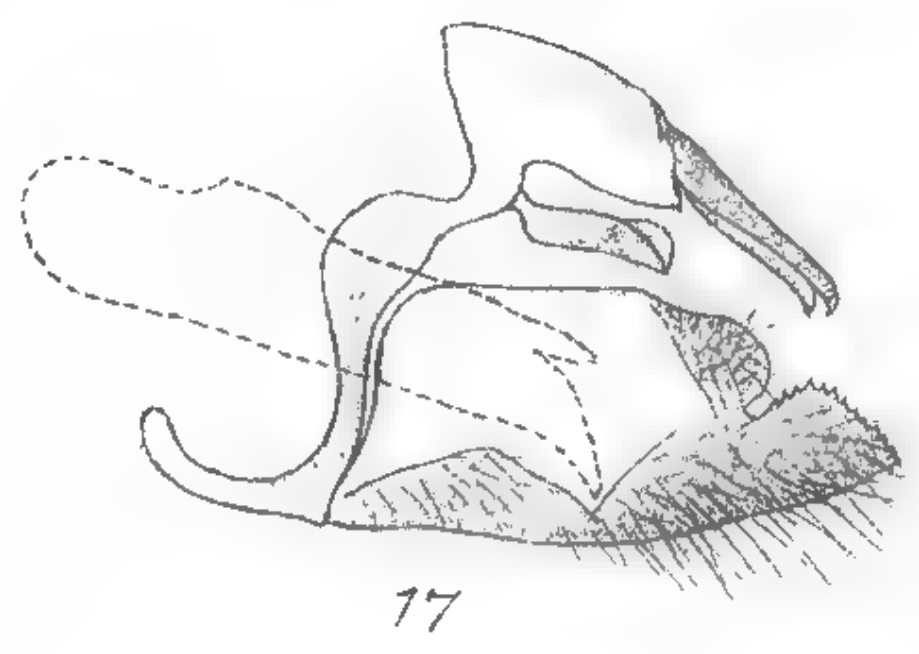
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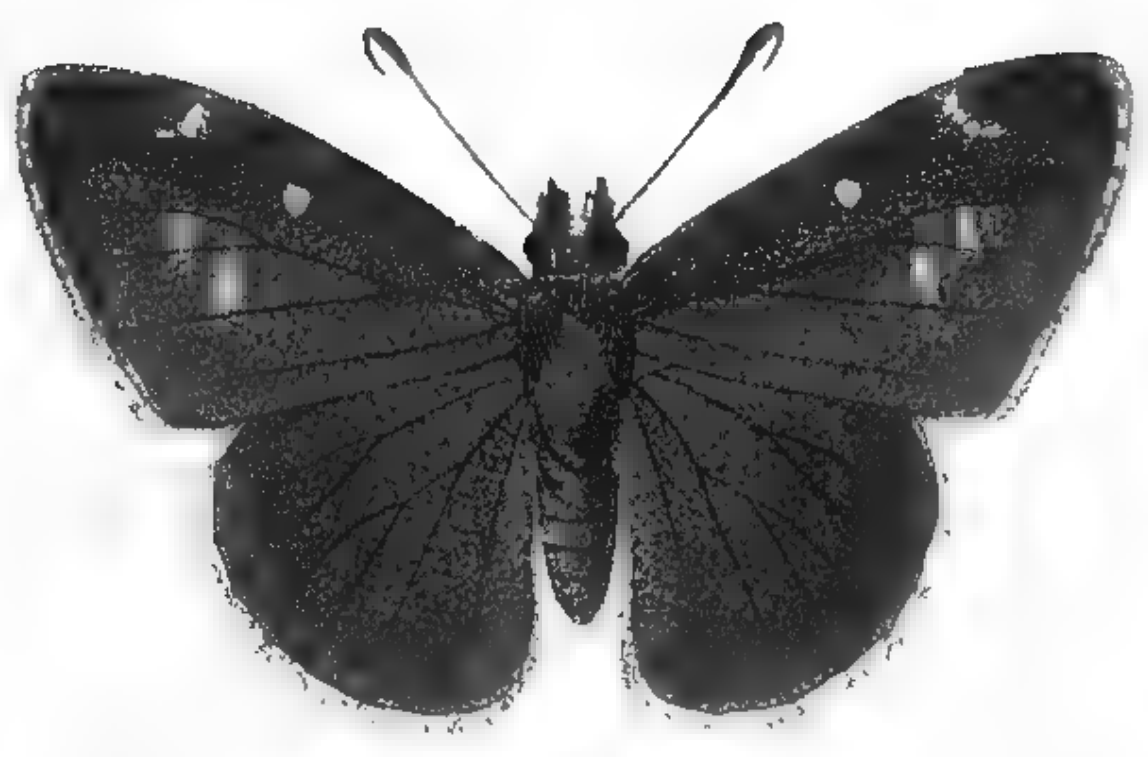
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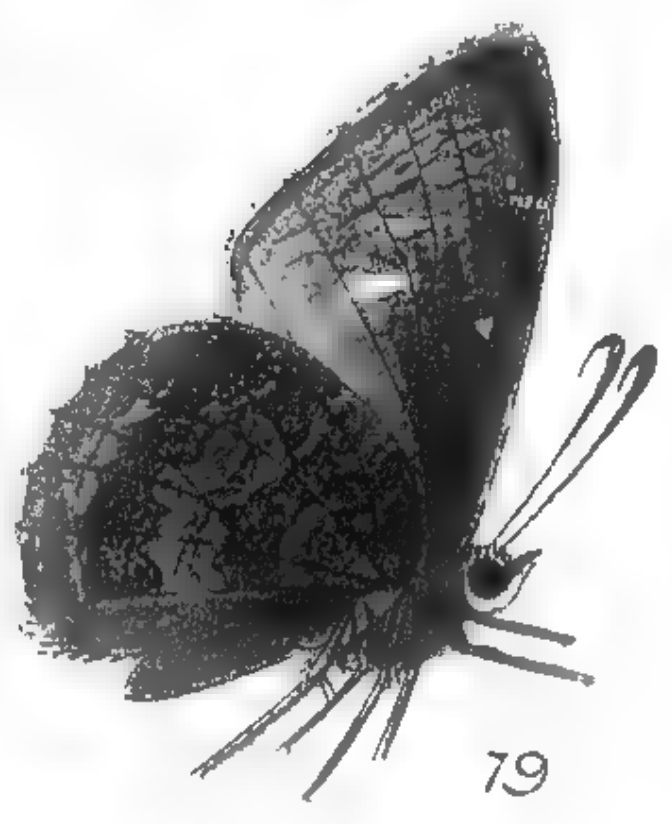
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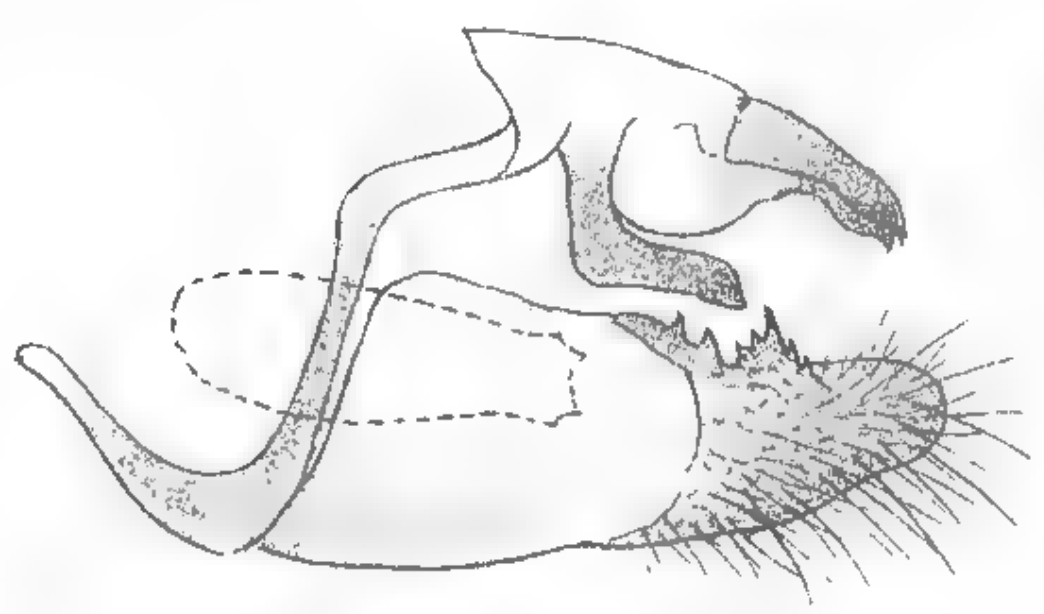
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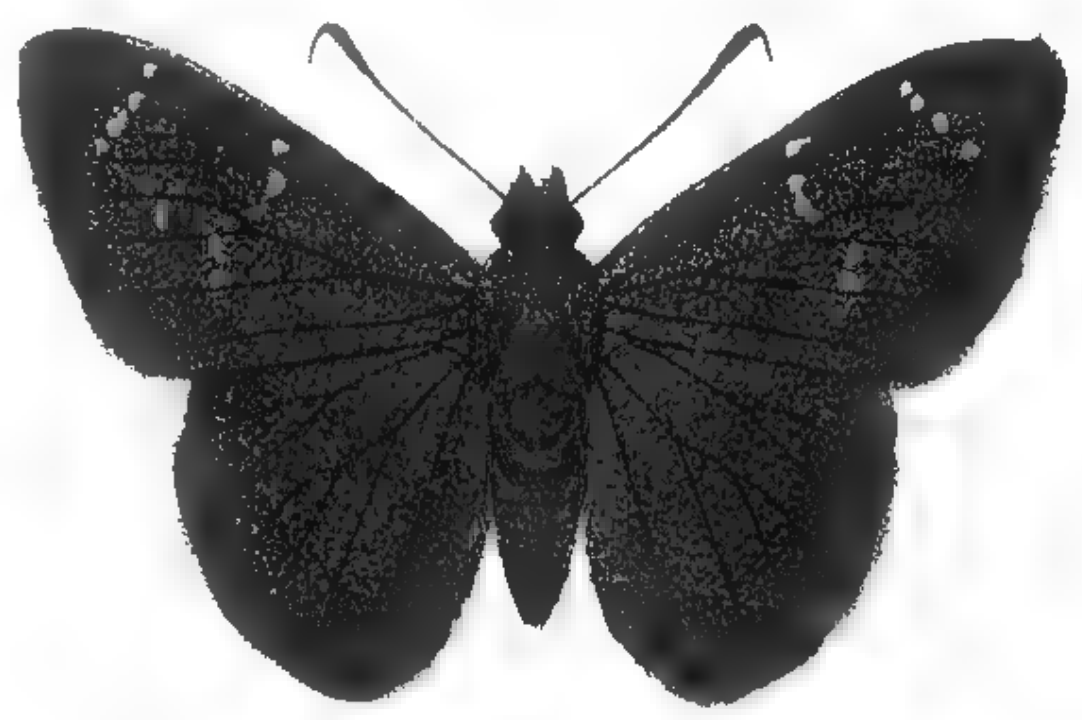
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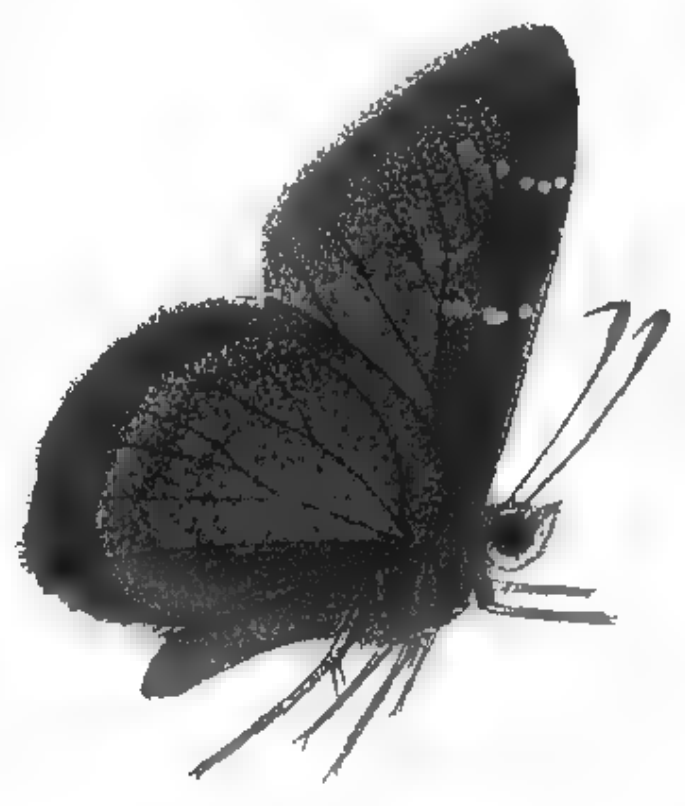
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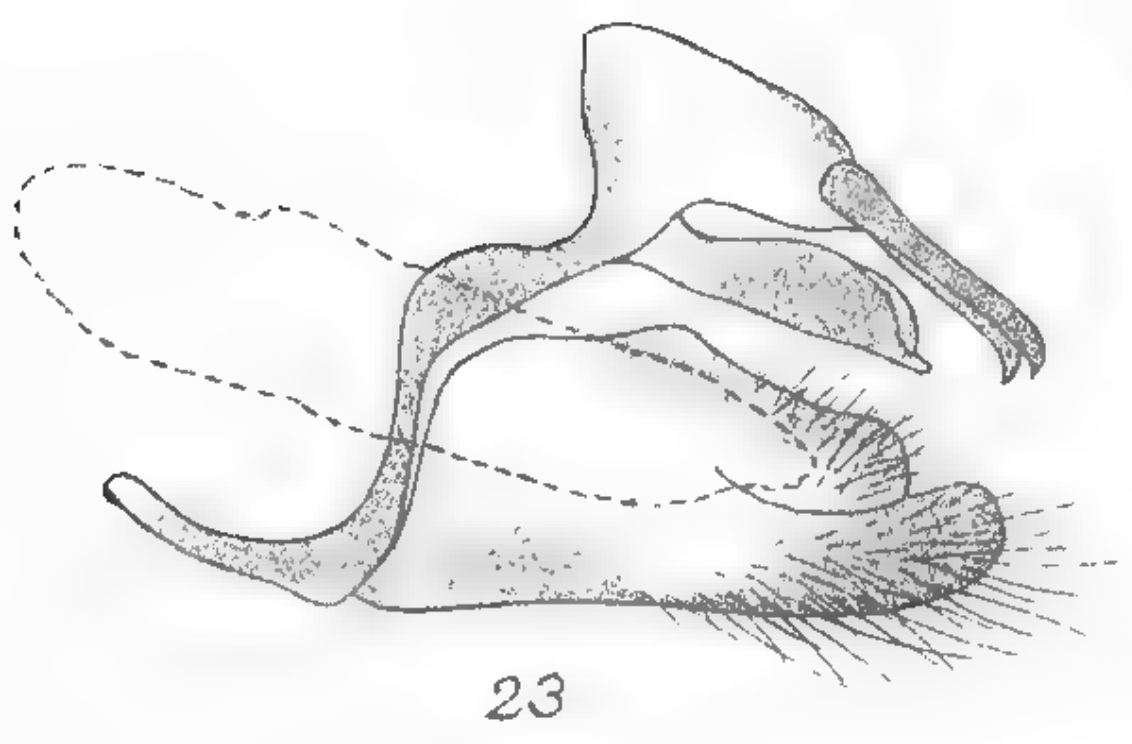
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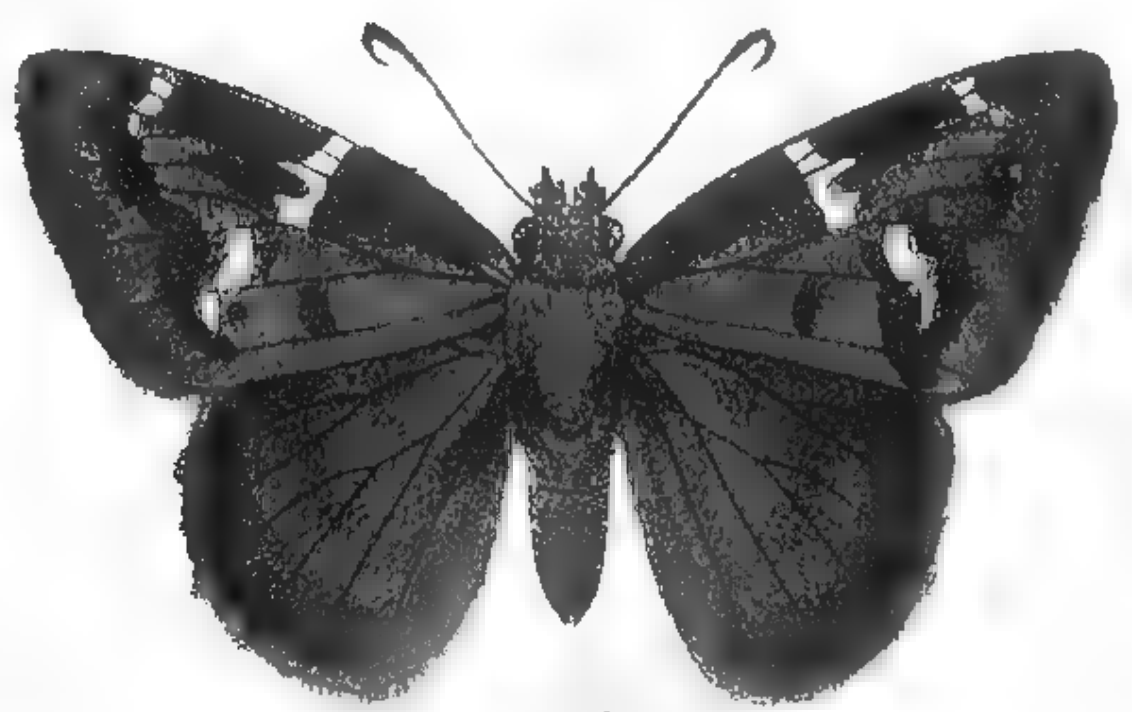
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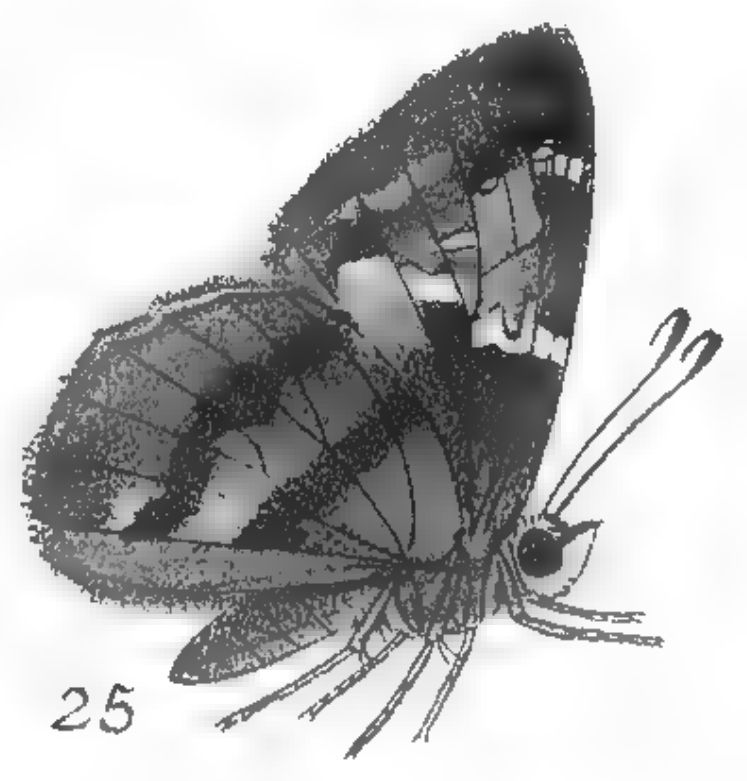
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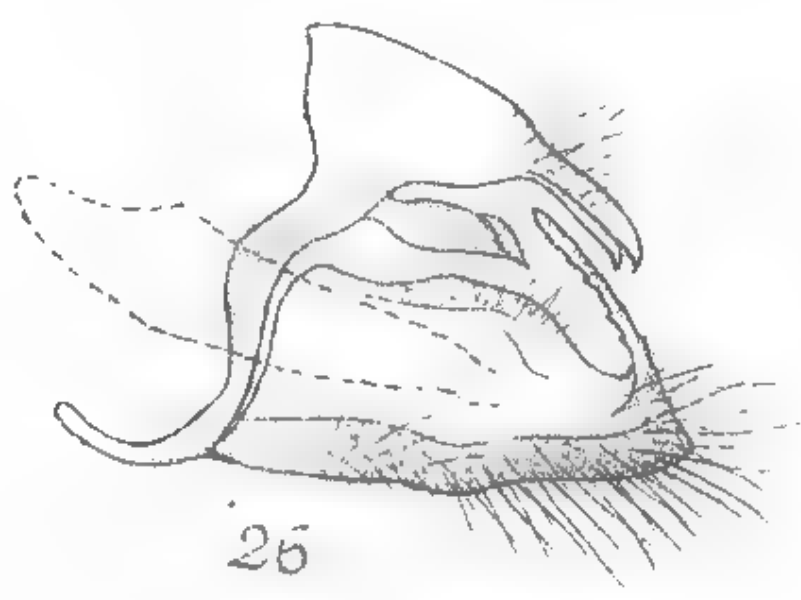
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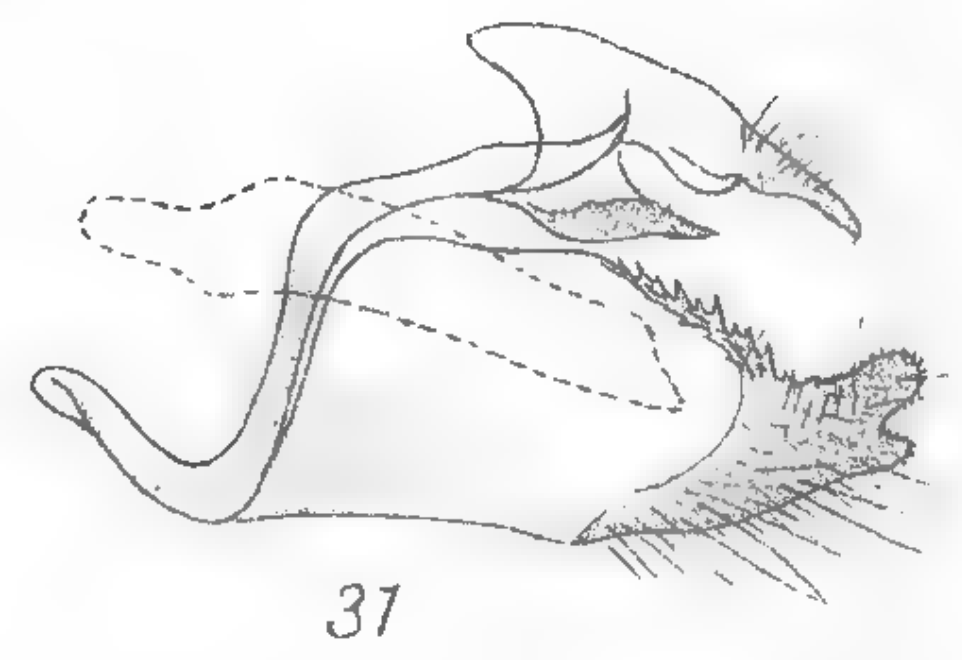
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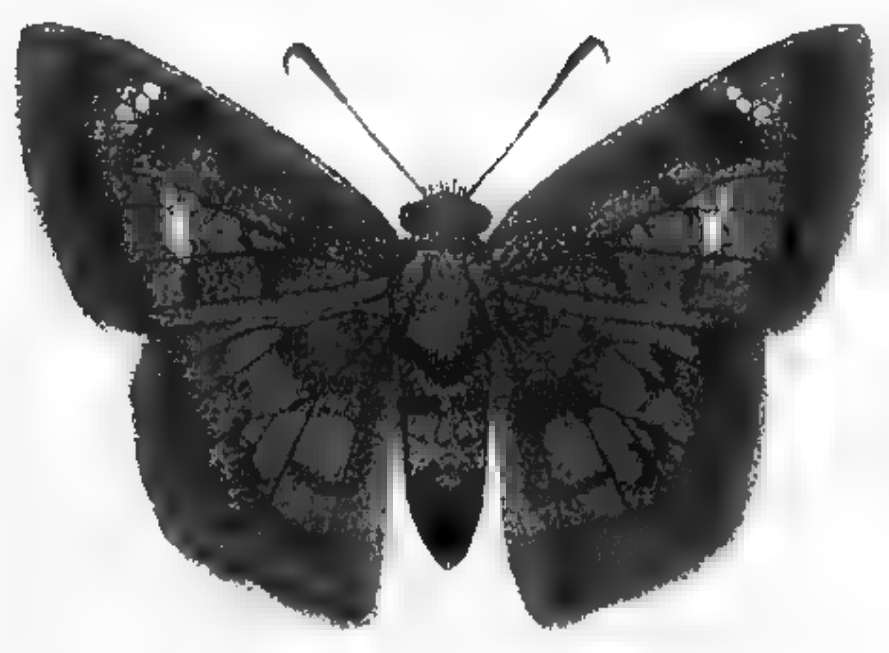
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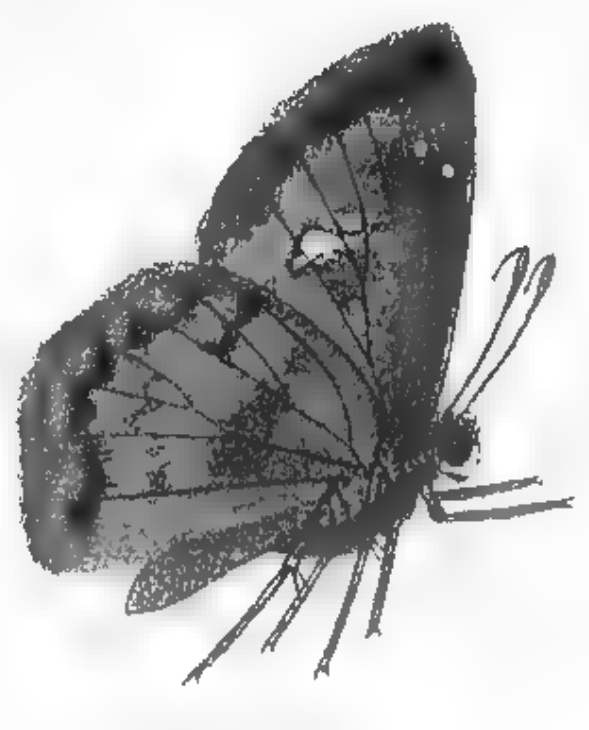
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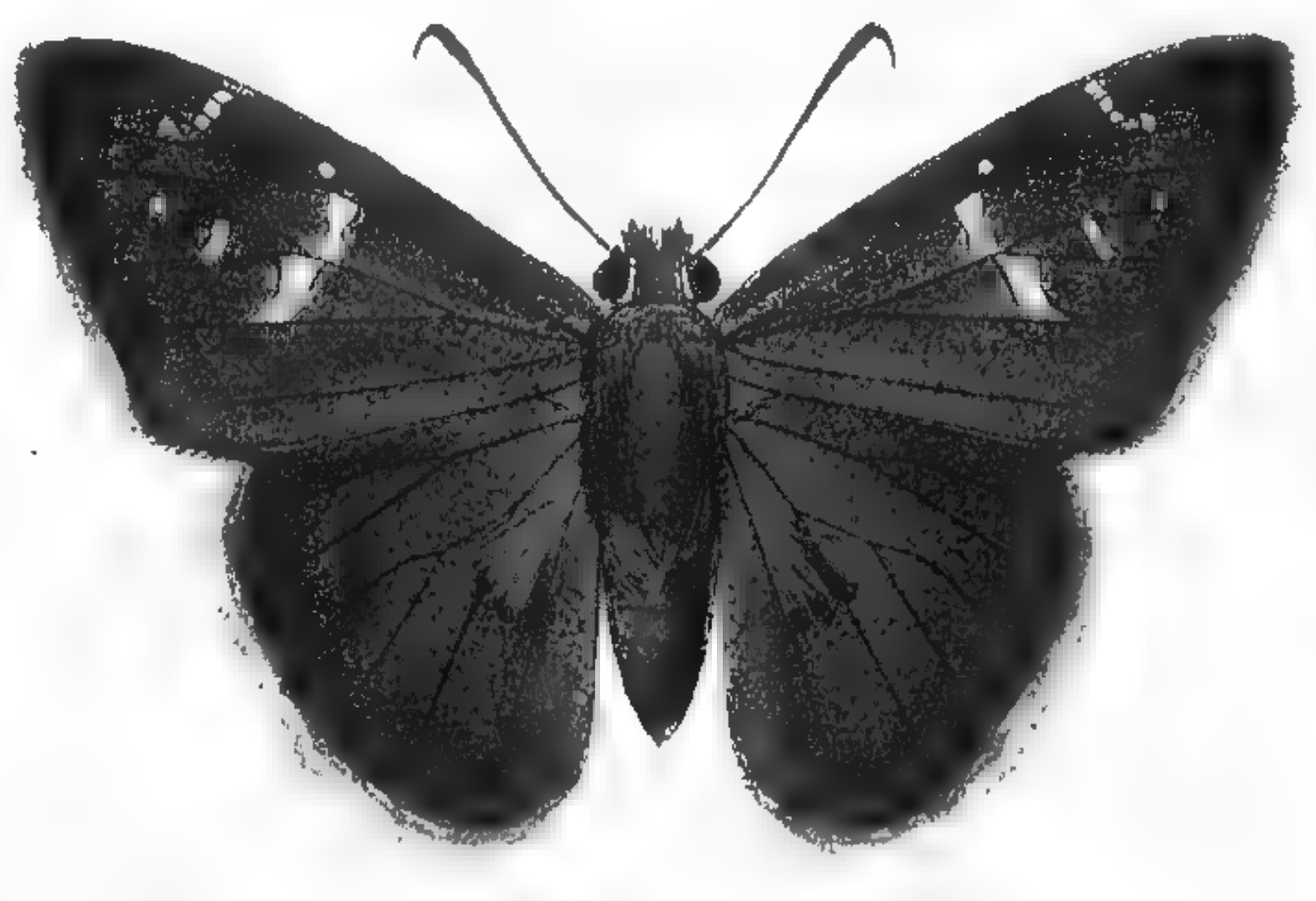
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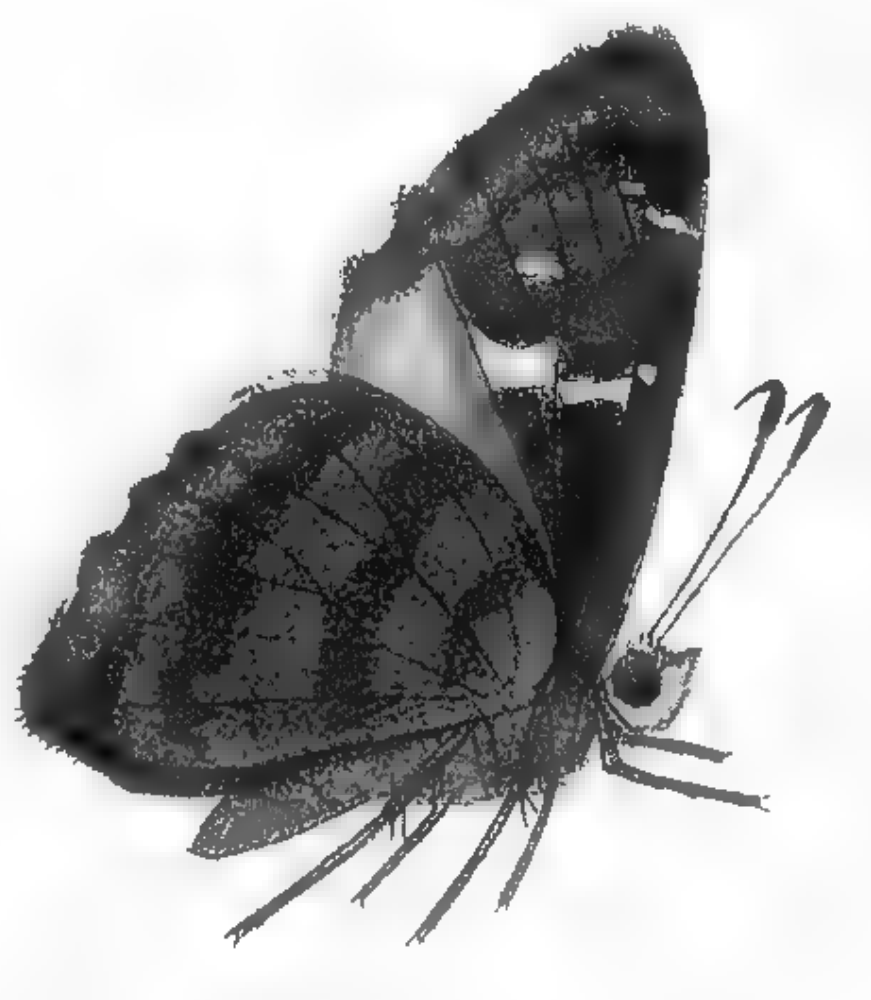
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1♂ BUNGALOTIS SALATIS.
2♂ CECROPTERUS NEIS.
3 „ CINCTUS.
4♂ „ AUNUS.
5,6,7♂ „ CAPYS.

8♂ RHABDOIDES CELLUS.
9,10,11♂ „ EPIGONA.
12,13,14♂ MURGARIA ALBOCILIATA.
15,16,17♂ THORYBES MEXICANUS.
18,19,20♂ PHŒDINUS CAICUS.

21,22 PHŒDINUS AVENTINUS.
23♂ COCCEIUS PYLADES.
24,25,26♂ CABARES POTRILLO.
27,28 „ ENOPS.
29,30,31♂ COGIA HIPPALUS.

W. Purkiss lith.
Hanhart imp.
634.

Blue
Cyan
Green
Yellow
Red
Magenta
White
3/Color
Black
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
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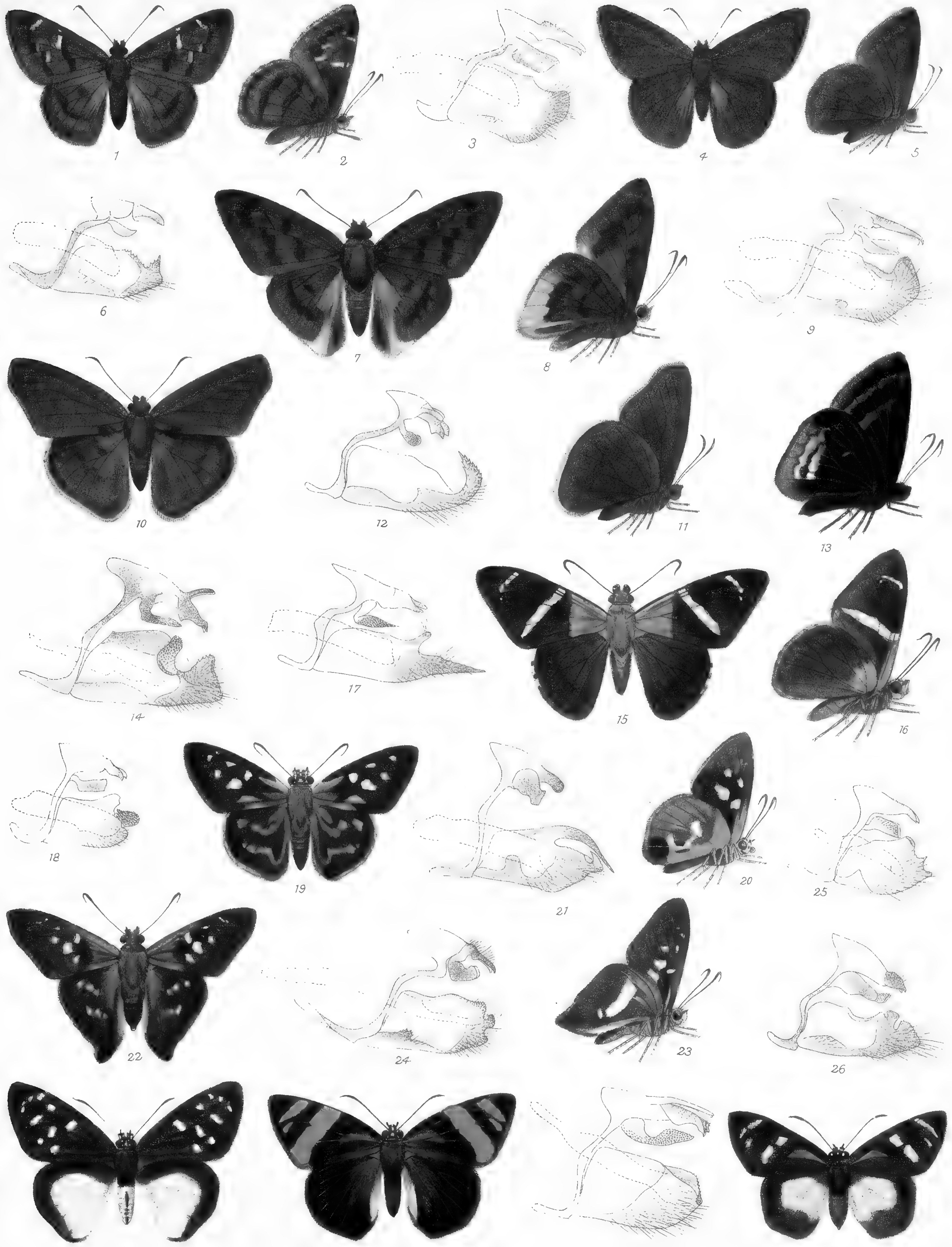
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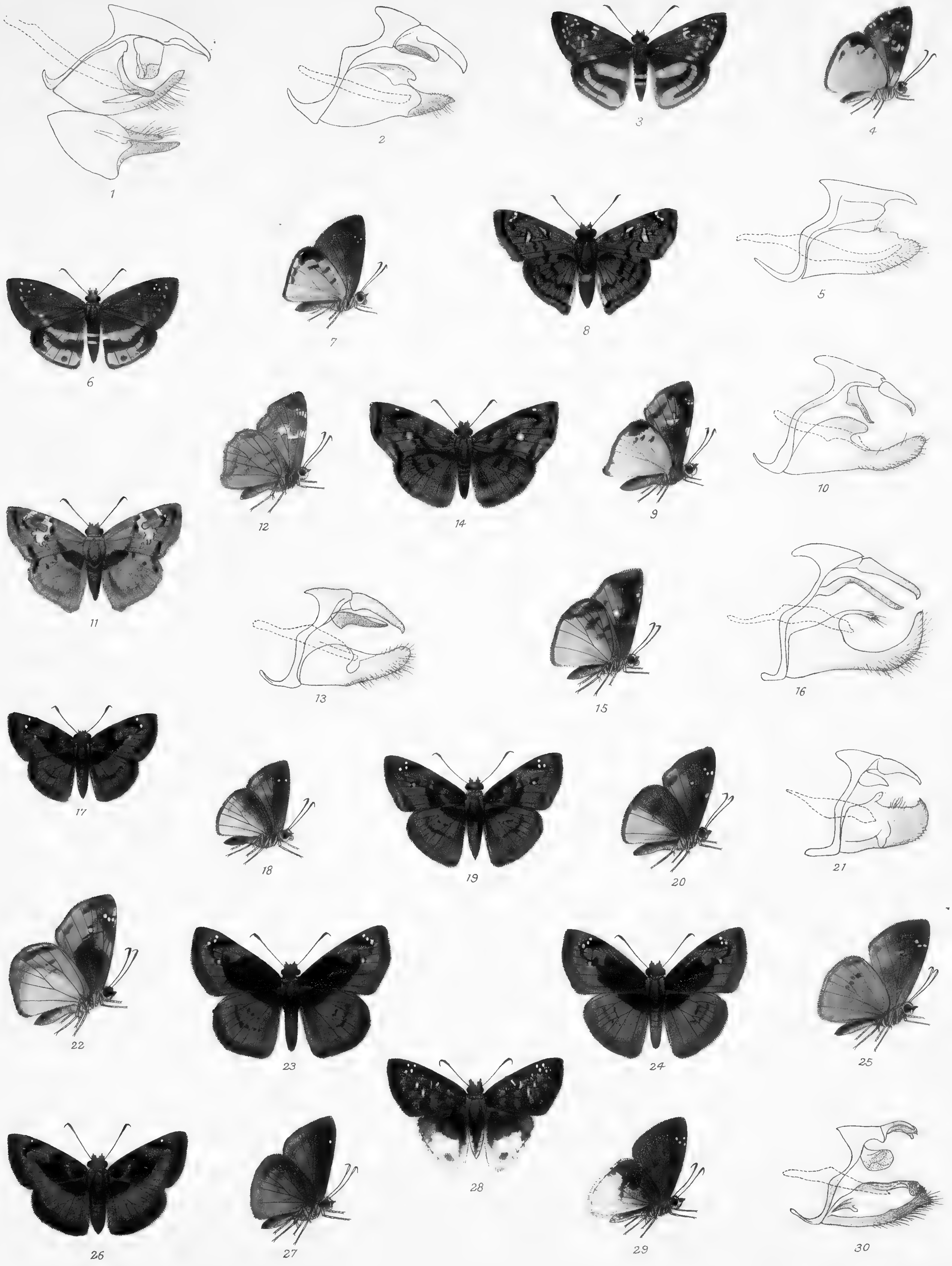
1, 2, 3♂ COGIA CAJETA.
4, 5♂ " ELUINA.
6♂ " CALCHAS.
7, 8, 9♂ TYPHEDANUS ALLADIUS.
10, 11, 12♂ CÆCINA CALANUS.

13, 14♂ ÆTHILLA ECHINA.
15, 16, 17♂ ORNEATES ÆGIOCHUS.
18♂ HYDRÆNOMIA ORCINUS.
19, 20, 21♂ PARADROS FORMOSUS.

22, 23, 24♂ DREPHALYS HELIXUS.
25♂ LIGNYOSTOLA LACYDUS.
26♂ PHANUS VITREUS.
27♀ HYALOTHYRUS NELEUS.
28, 29♂, 30♀ ENTHEUS MATHO.

W. Purkiss lith.

Hanhart imp.
635.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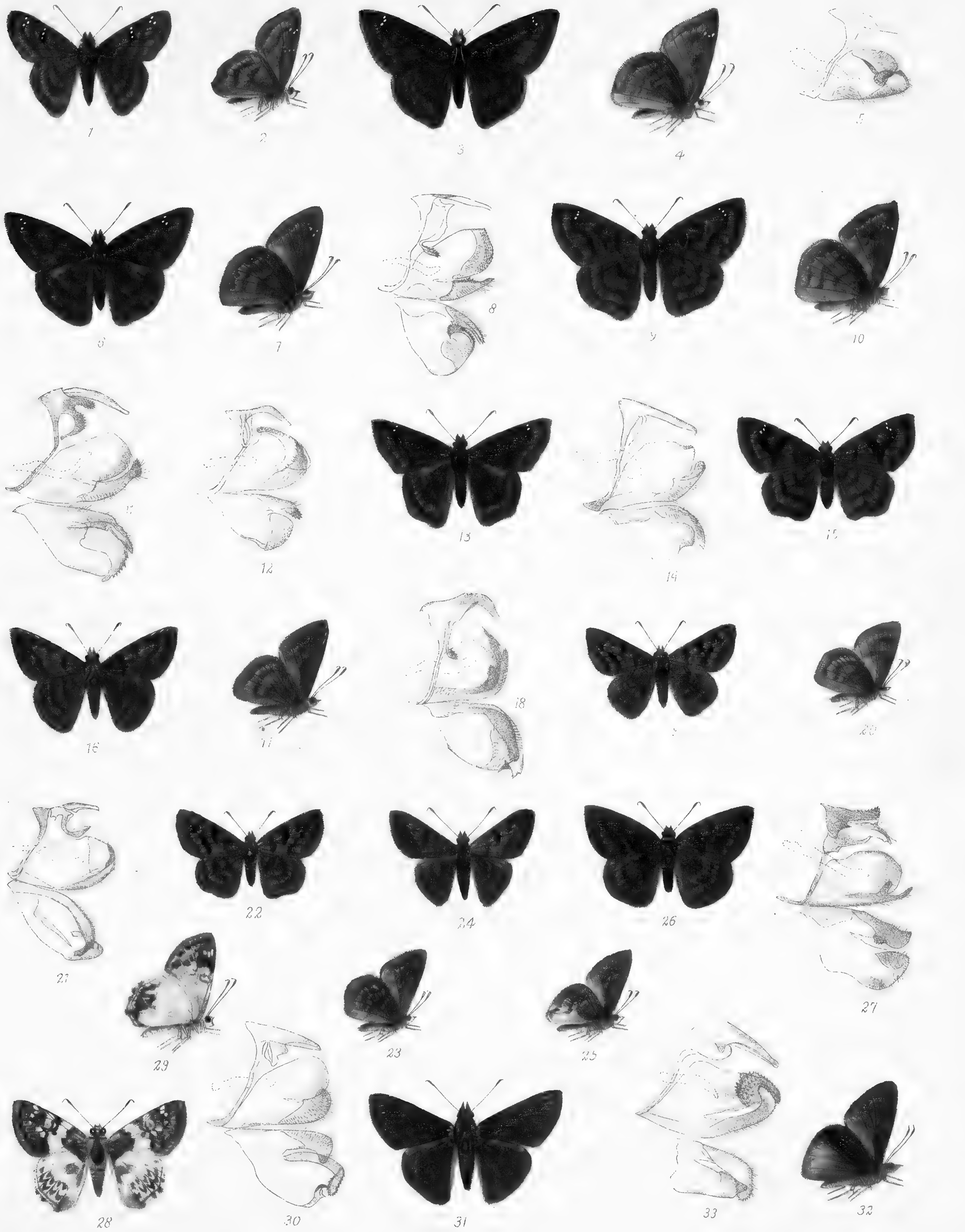
1♂ ARTEUROTIA TRACTIPENNIS.
2♂ PYTHONIDES CERIALIS.
3,4,5♂ " CONTUBERNALIS.
6,7♂ " ANICIUS.

8,9,10♂ PYTHONIDES BELTI.
11,12,13♂ " LUGUBRIS.
14,15,16♂ " ZERA.
17,18♂ " MENEDEMUS.
19,20,21♂ " HYACINTHINUS.

22,23♂ PYTHONIDES SCYBIS.
24,25♂ " PHILA.
26,27♂ " PELOPEA.
28,29,30♂ SPIONADES ARTEMIDES.

W. Purkiss lith.
Hanhart imp.
642.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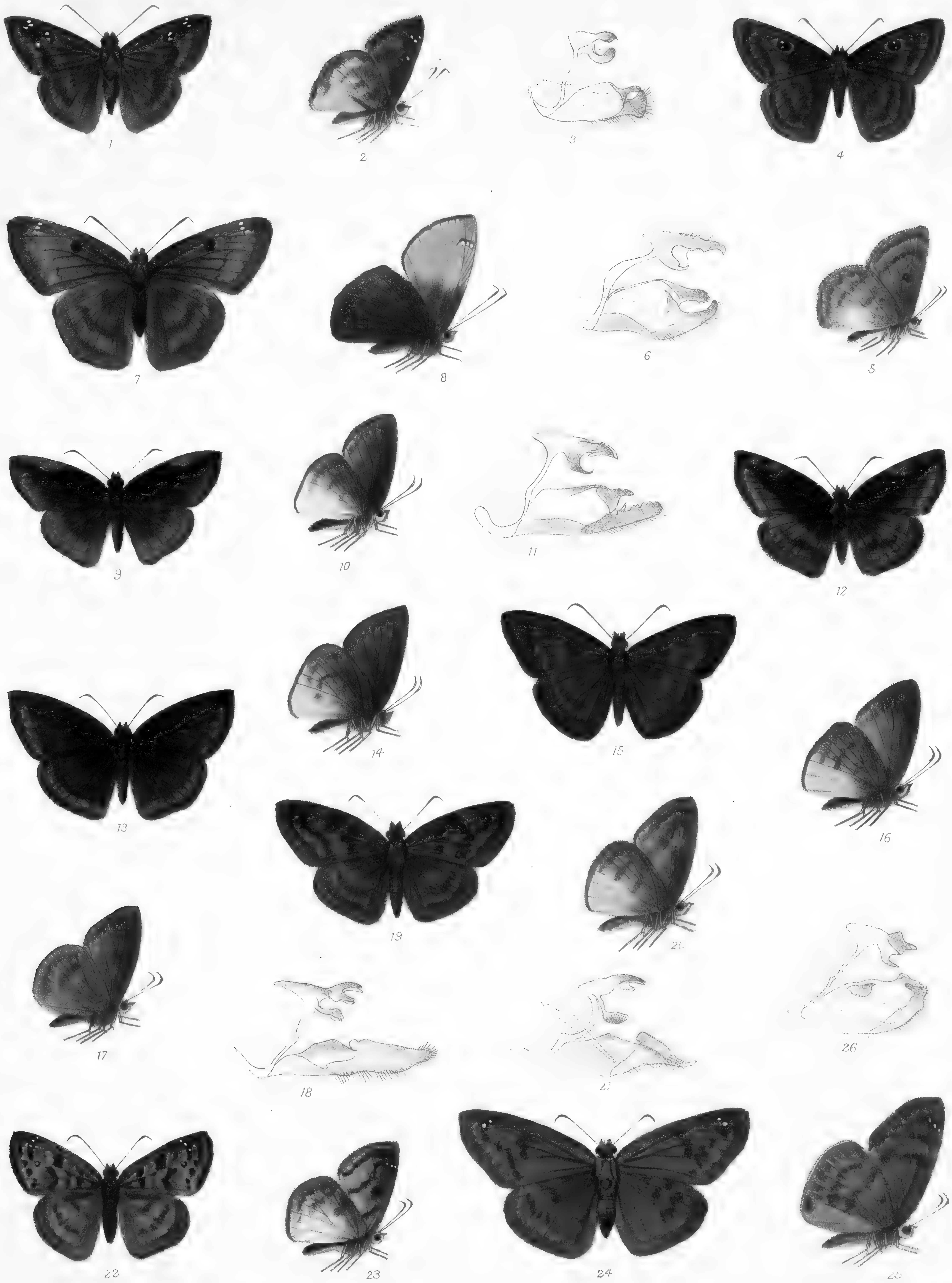
1, 2 ♂ ERACON BITERNATA.
3, 4. 5 ♂ GORGOPAS VIRIDICEPS.
6, 7, 8 ♂ PELLICIA TIPHYS.
9, 10 ♀ " "
11 ♂ " MACAREUS.

12 ♂ PELLICIA NYCTINEME.
13, 14 ♂, 15 ♀ " BROMIAS.
16, 17, 18 ♂ " COSTIMACULA.
19, 20, 21 ♂ " DIDIA.

22, 23 ♀ PELLICIA DIDIA.
24, 25 ♂ " MENO.
26, 27 ♂. " THYESTES.
28, 29, 30 ♂ " POLYCTOR.
31, 32, 33 ♂ MYCTERIS CÆRULEA.

W. Purkiss lith.
Hanhart imp
644.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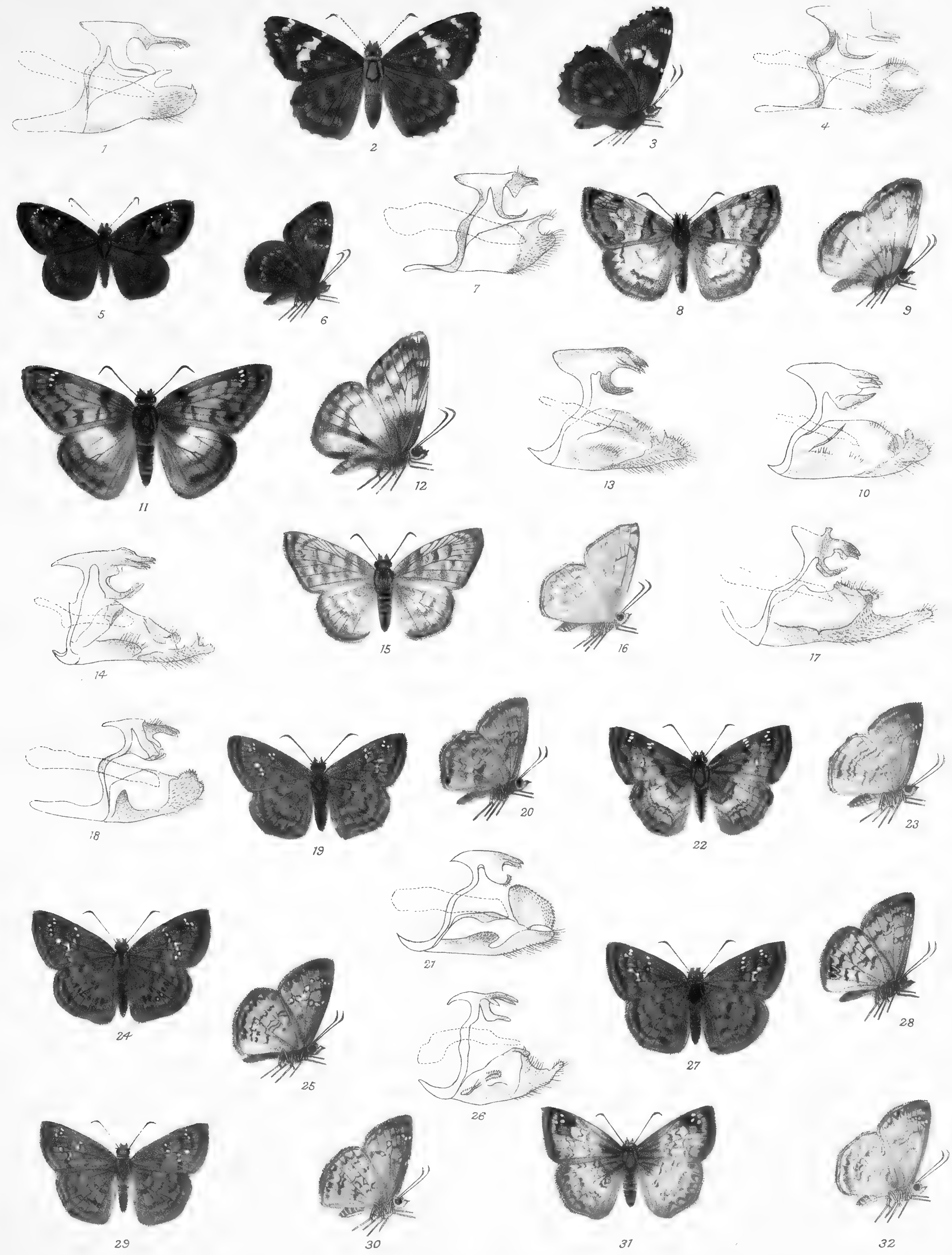
1,2,3♂ NISONIADES (?) PELARGE.
4,5,6♂ CYCLOSÆMIA ANASTOMOSIS.
7,8♀ " PHIDYLE.
9,10,11♂ ANASTRUS NEÆRIS.
12♀ ANASTRUS NEÆRIS.
13,14♂ GORGOPHONE MELIBŒA.
15,16♂ ECHELATUS VARIUS.
17,18♂ ECHELATUS LUCTUOSUS.
19,20,21♂ " SEMPITERNUS.
22,23♀ " EUGRAMMA.
24,25,26♂ GRAIS STIGMATICUS.

W. Purkiss lith.   Hanhart imp.
648.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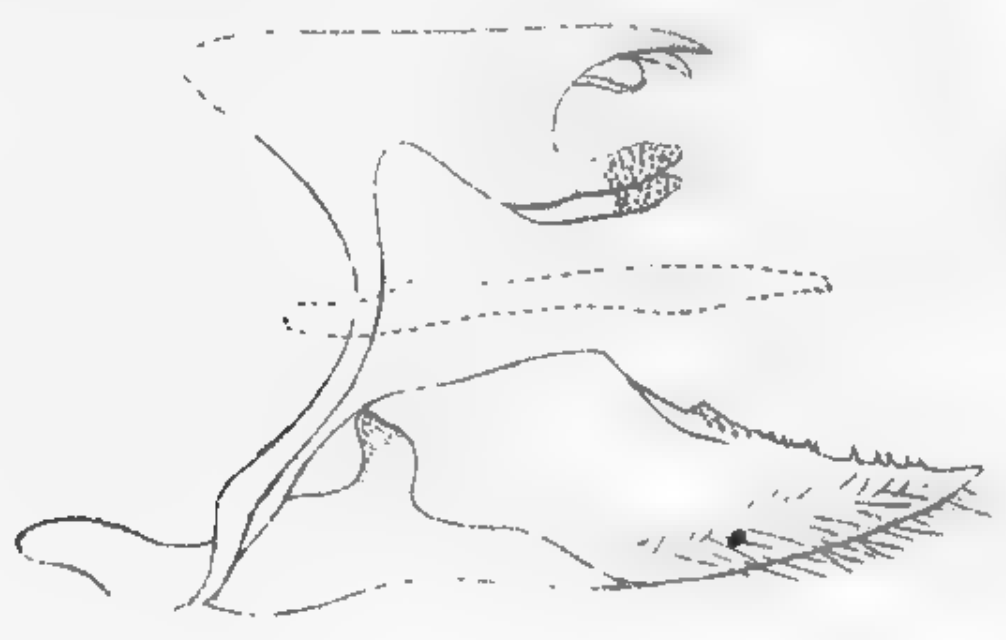
1♂ CELÆNORRHINUS ELIGIUS.
2,3,4♂ " VARIEGATUS.
5,6,7♂ " CHIRIQUENSIS.
8,9,10♂ MYLON LASSIA.
11,12,13♂ " PULCHERIUS.
14♂ EUDAMIDES MELANDER.
15,16,17♂ " OZEMA.
18♂ XENOPHANES TRYXUS.
19,20,21♂ CARRHENES FUSCESCENS.
22,23♂ CARRHENES CALIDIUS.
24,25,26♂ " CALLIPETES.
27,28♂ " MERIDENSIS.
29,30♂ " CANESCENS.
31,32♂ " LEADA.

W. Purkiss lith.   Hanhart imp.
650.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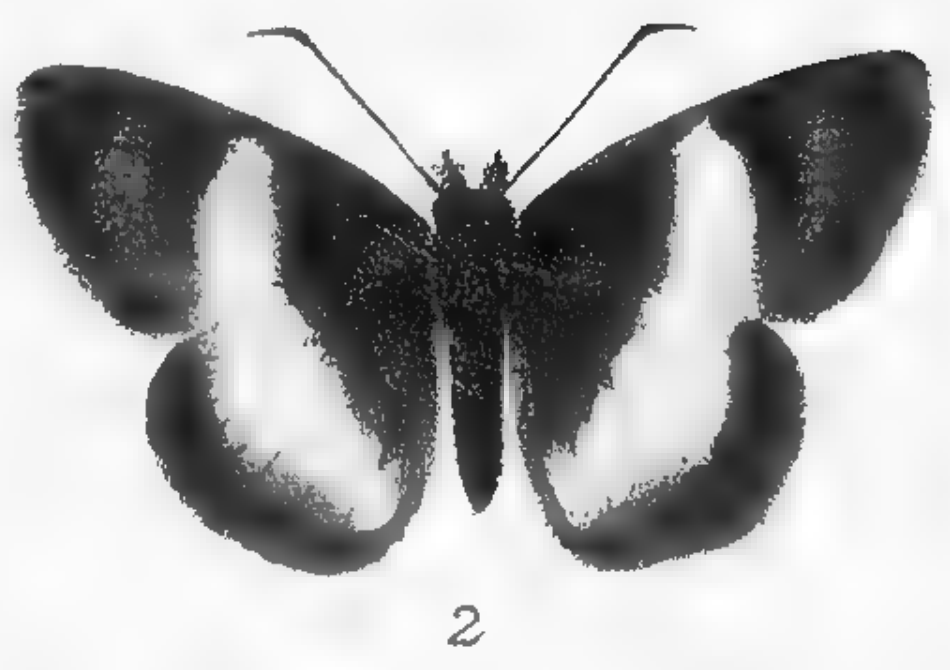
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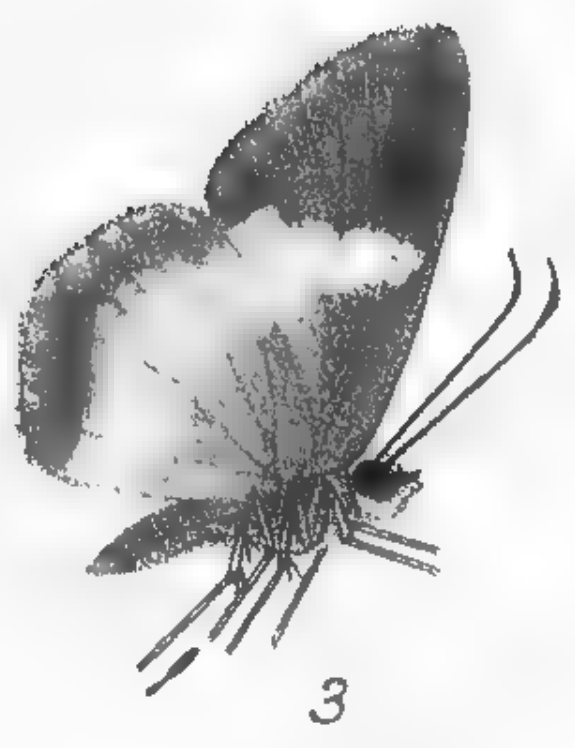
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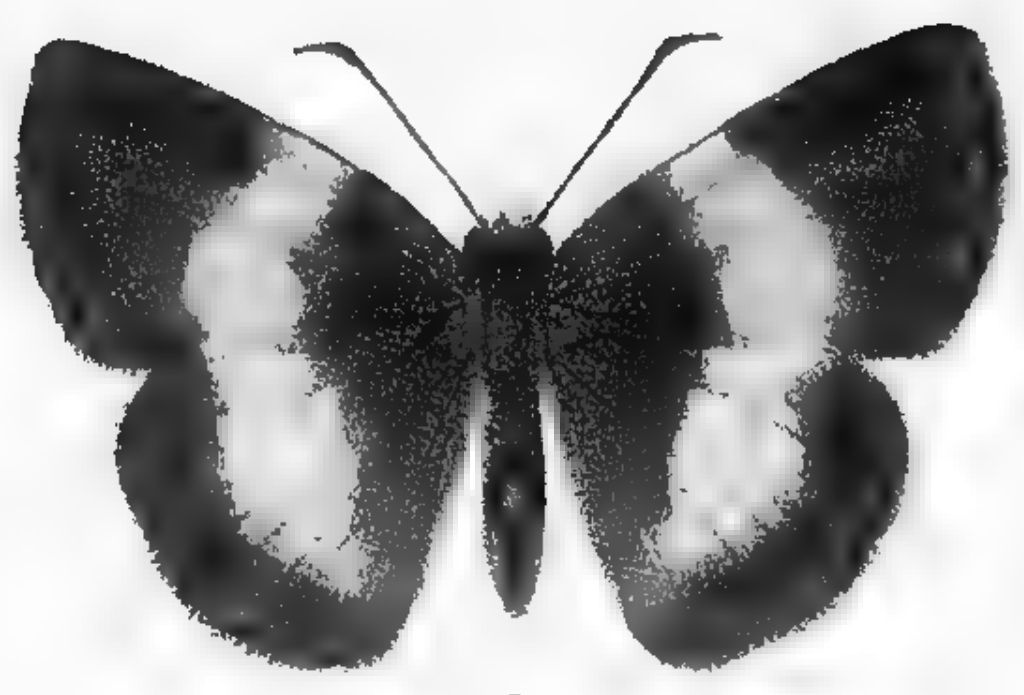
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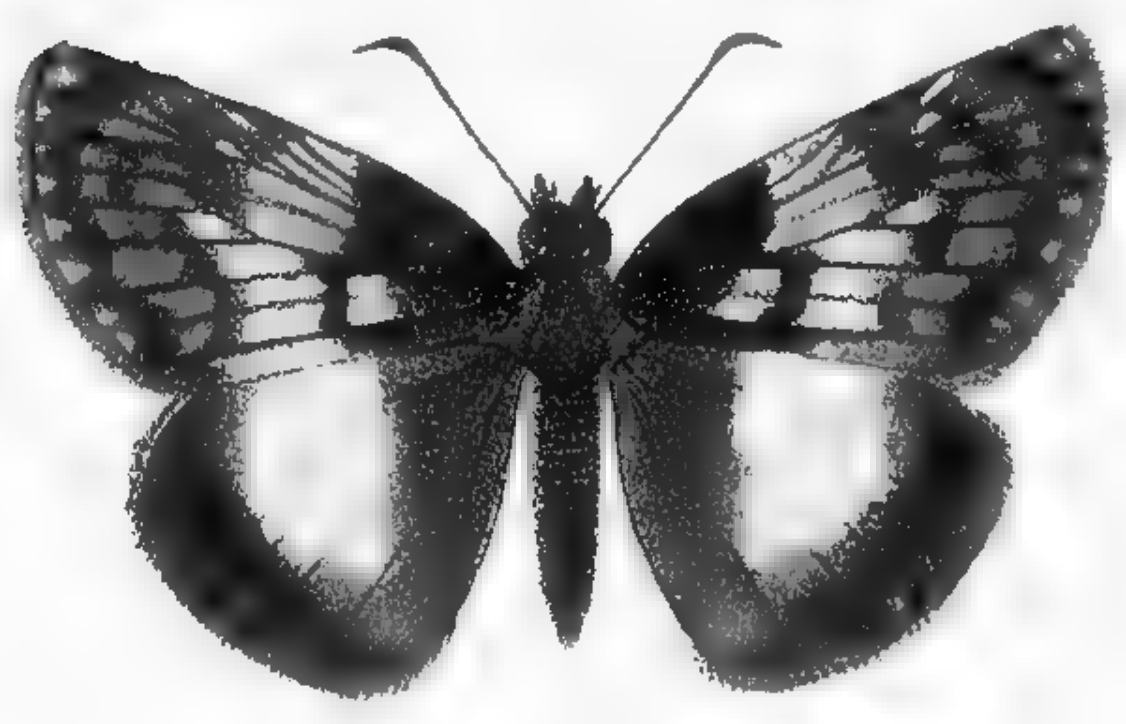
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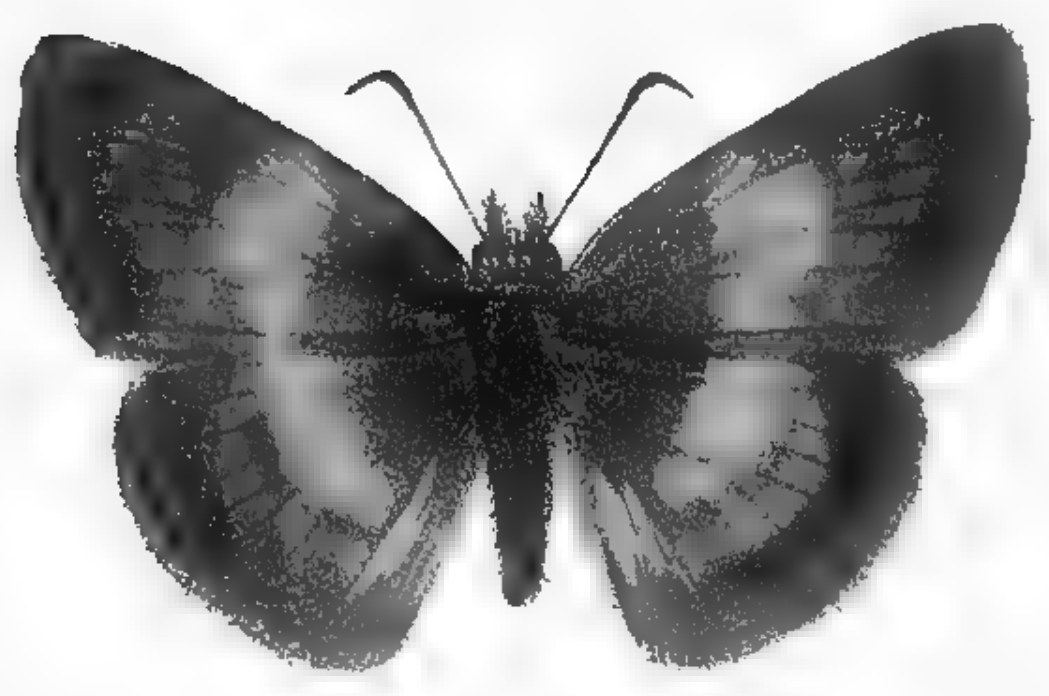
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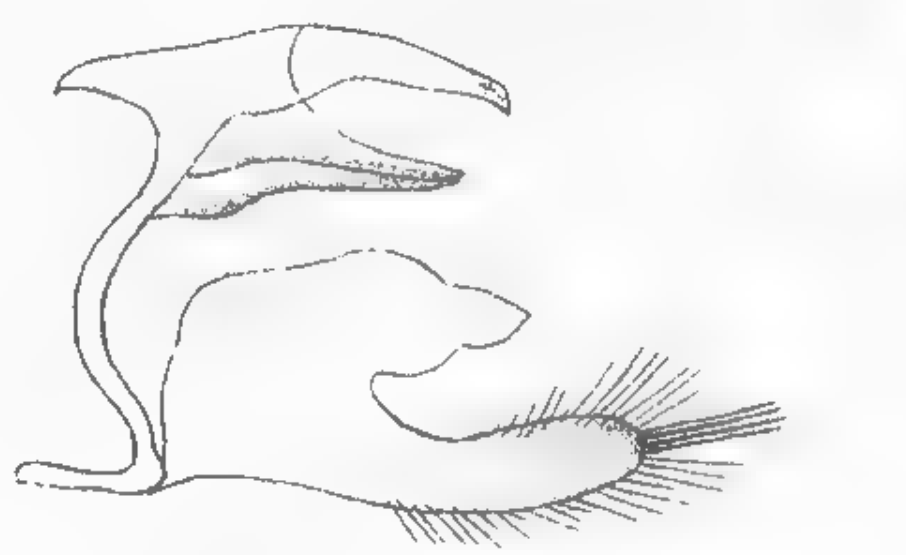
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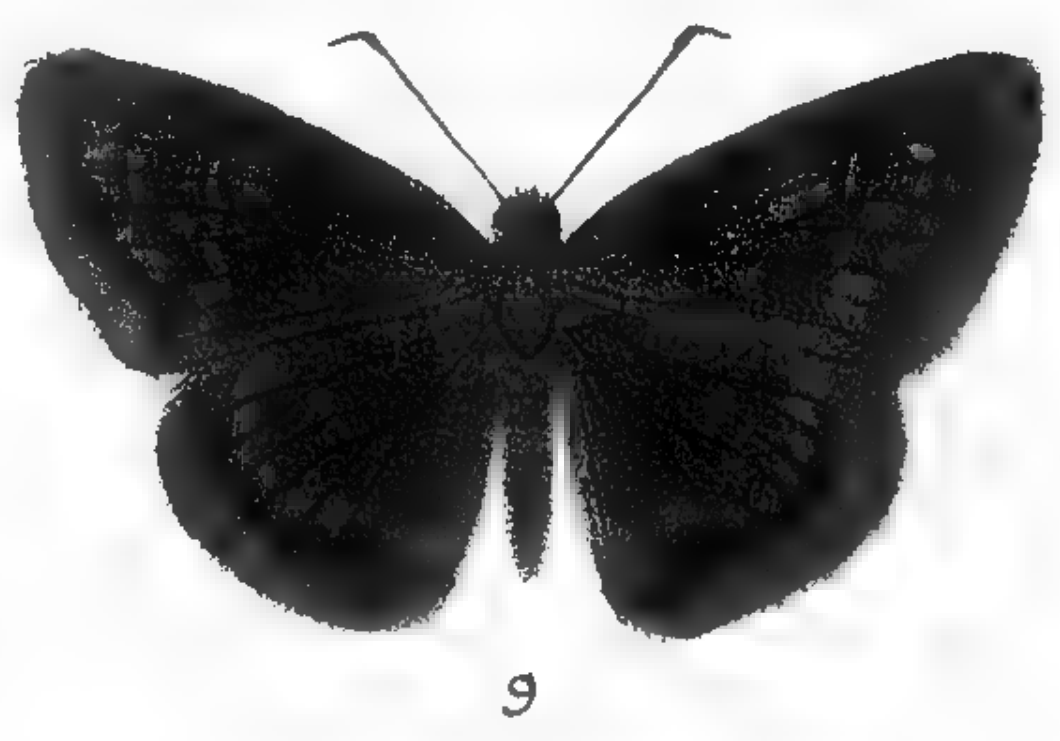
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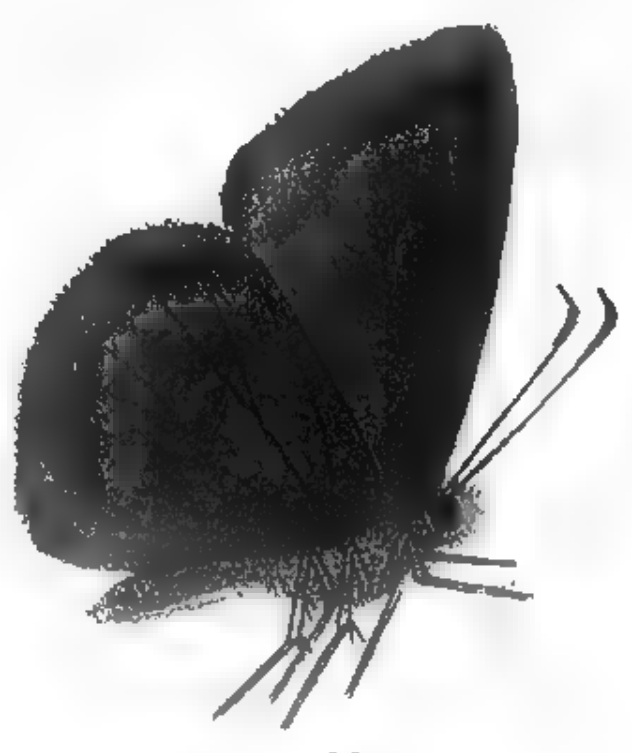
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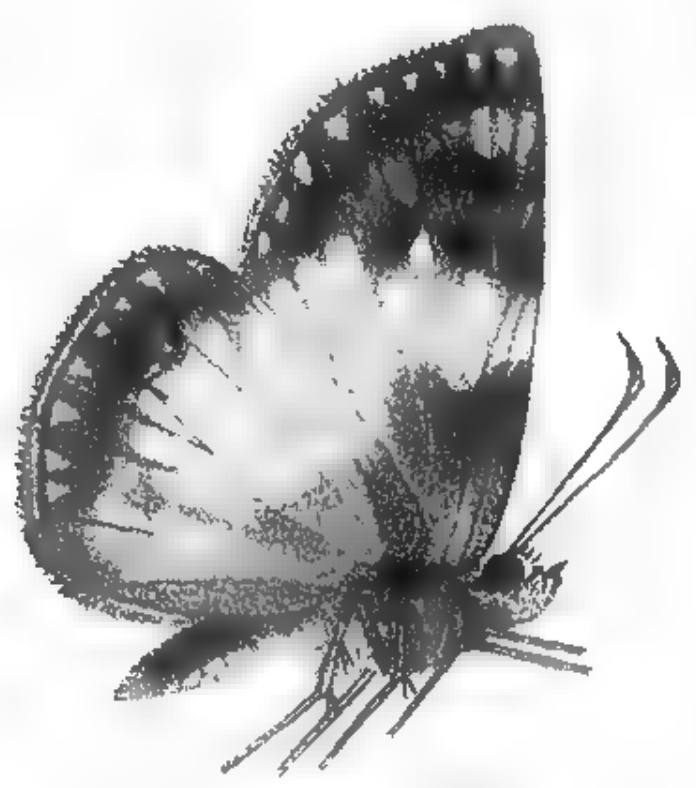
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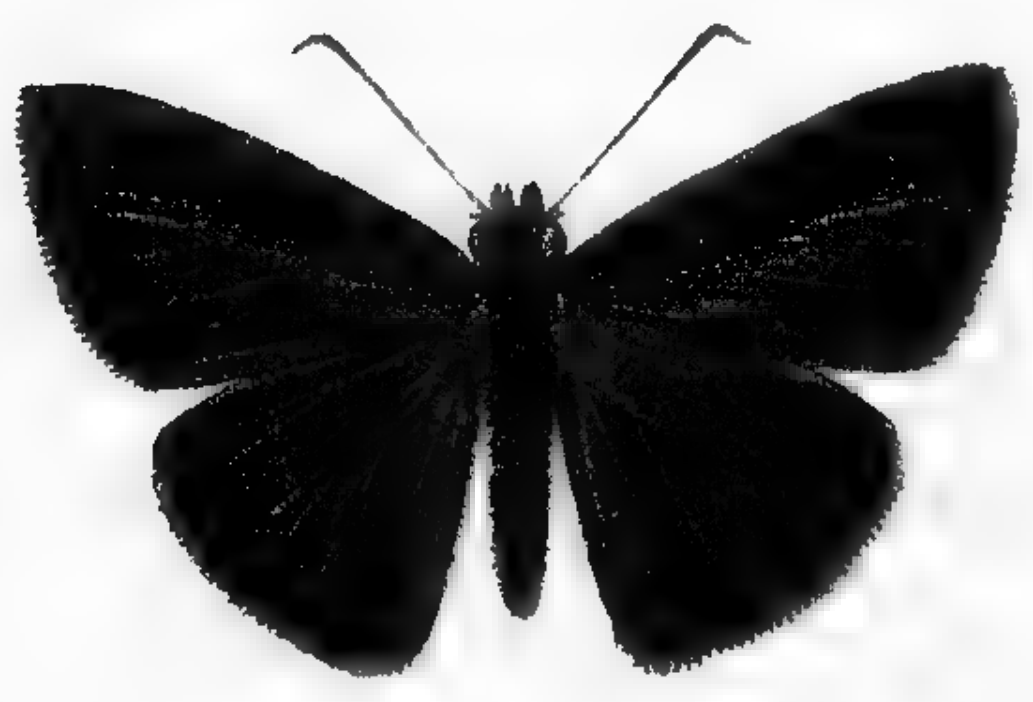
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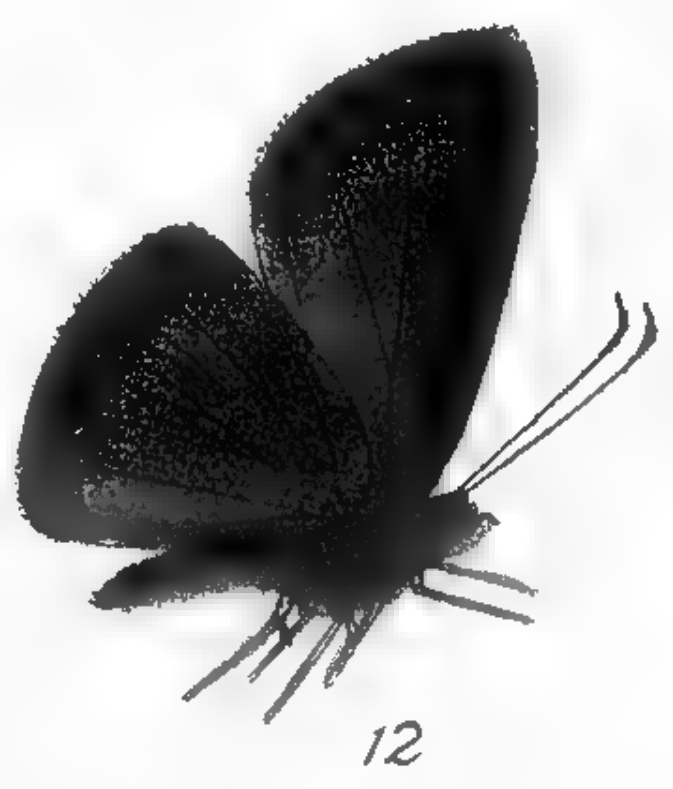
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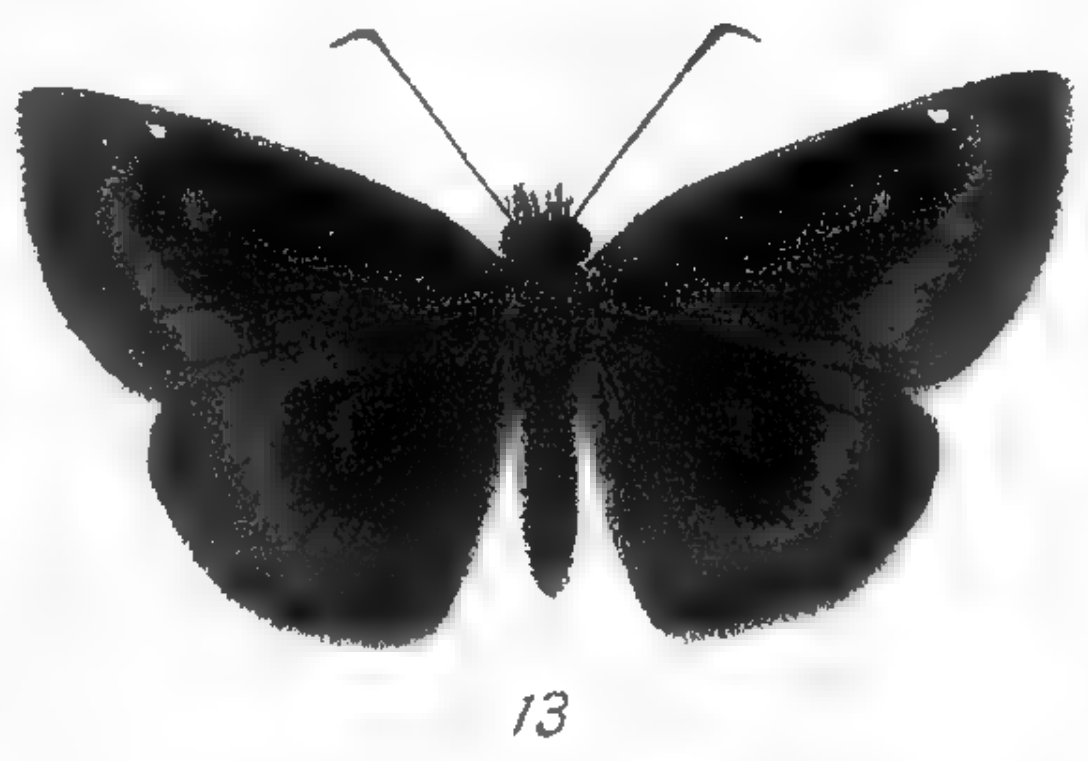
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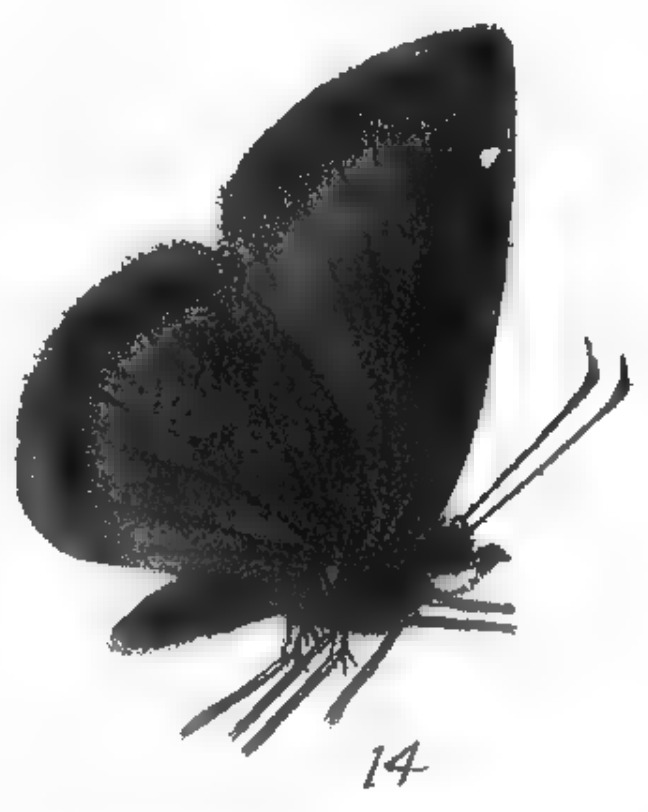
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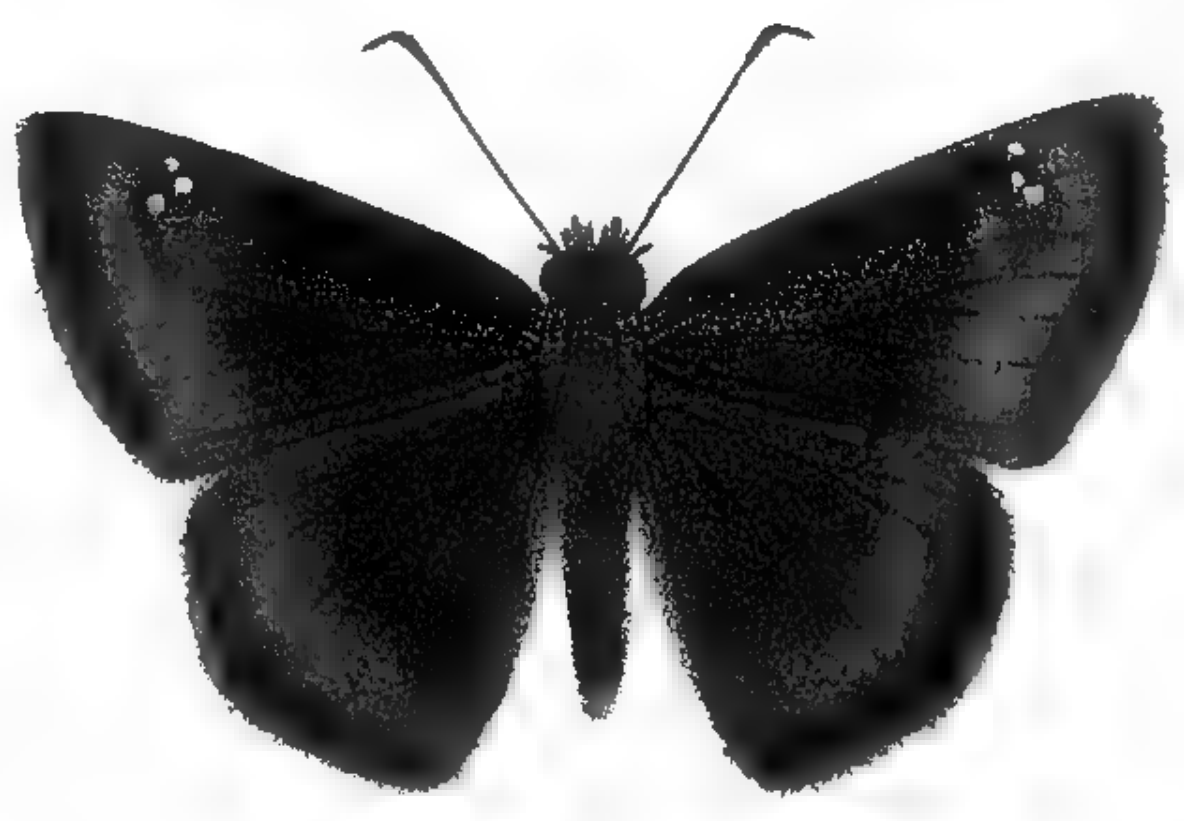
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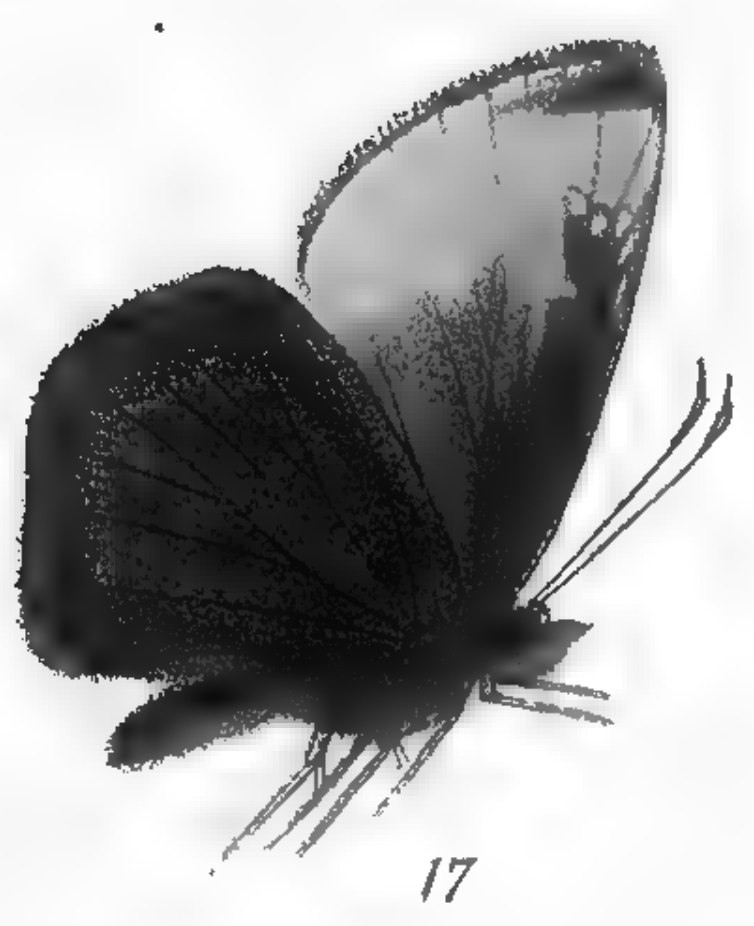
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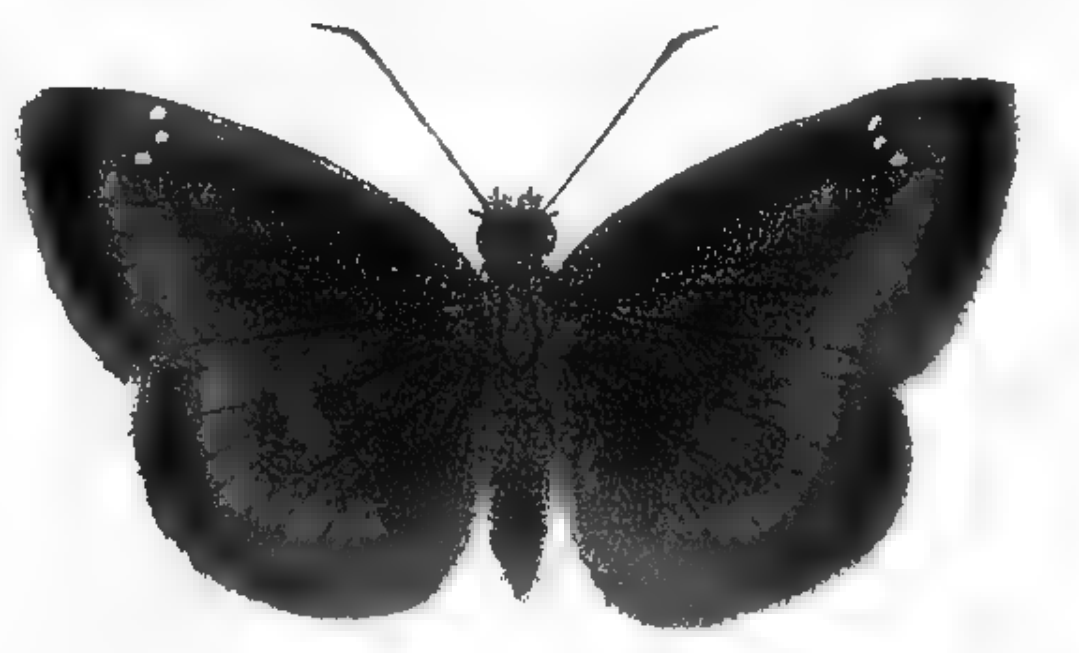
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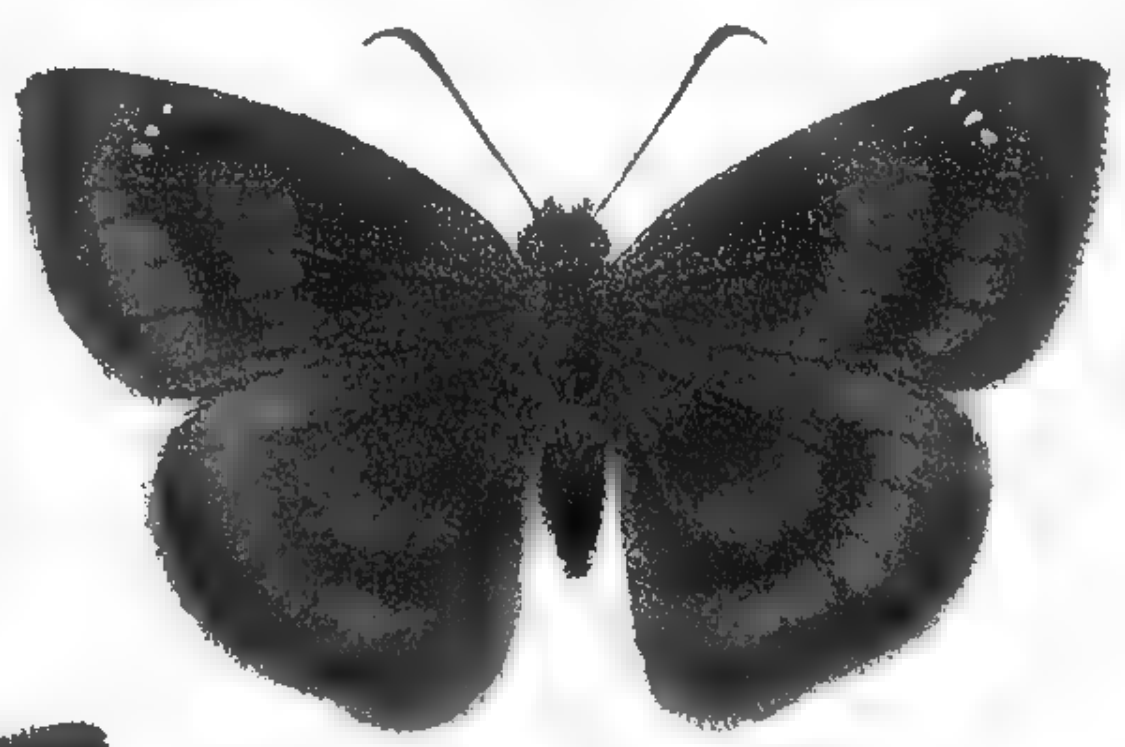
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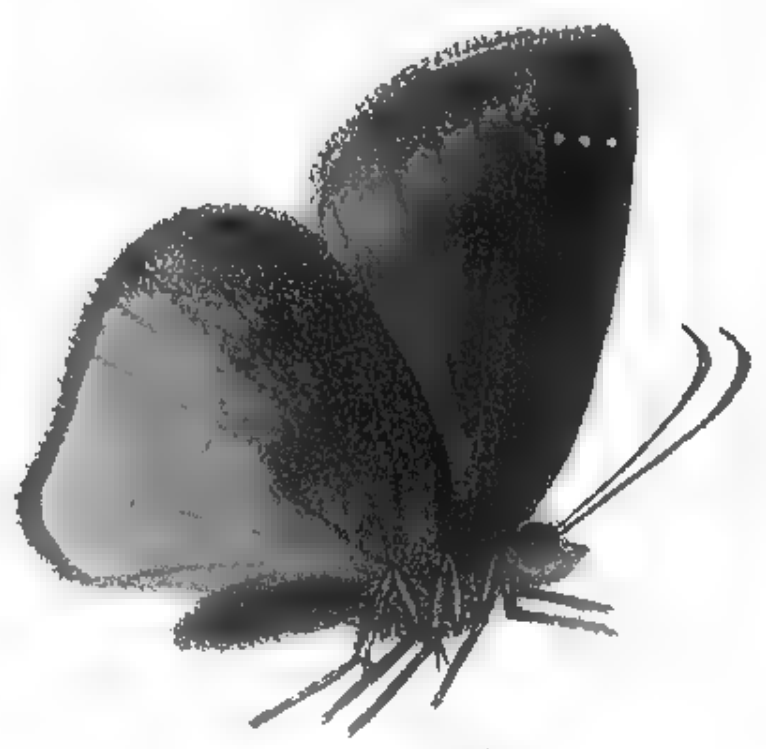
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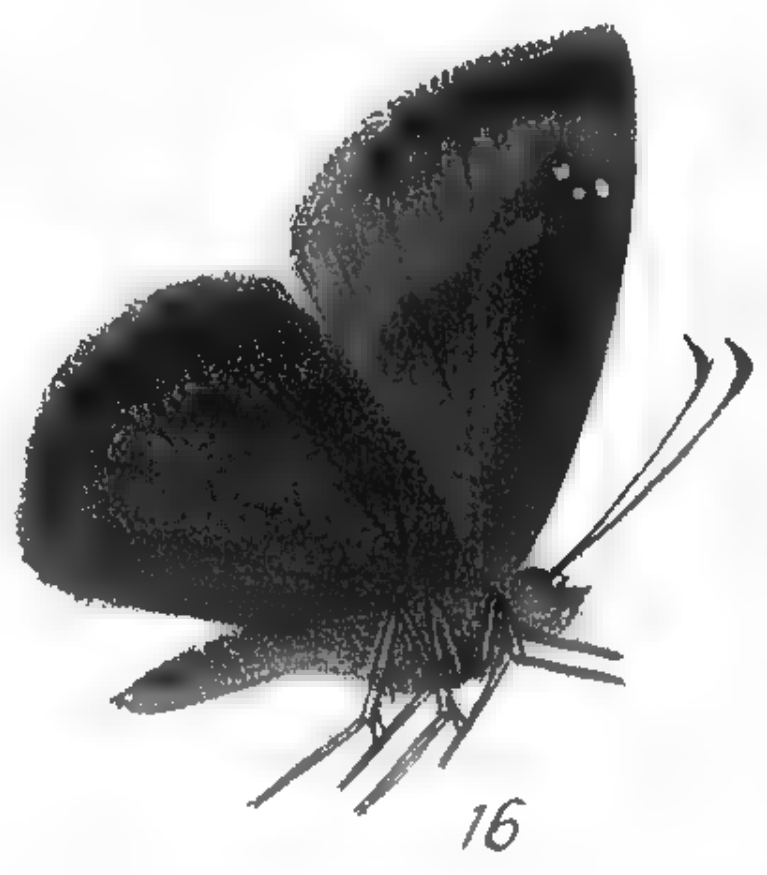
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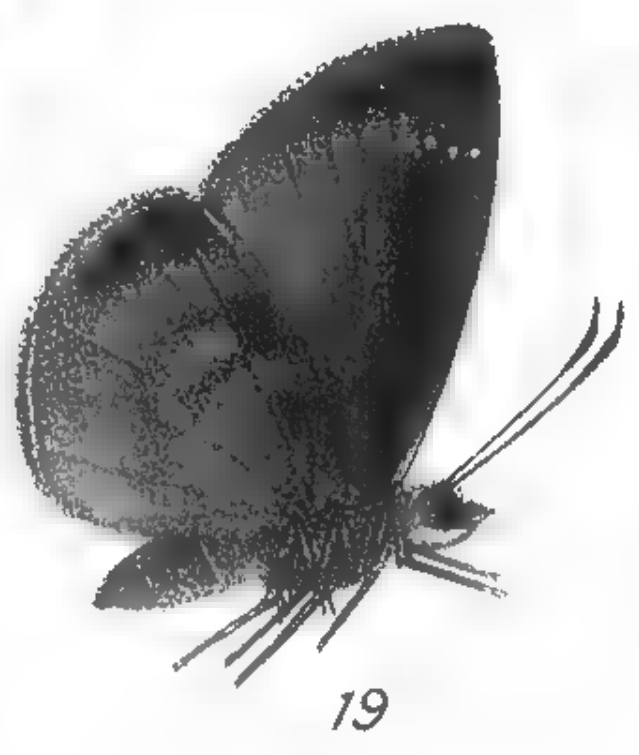
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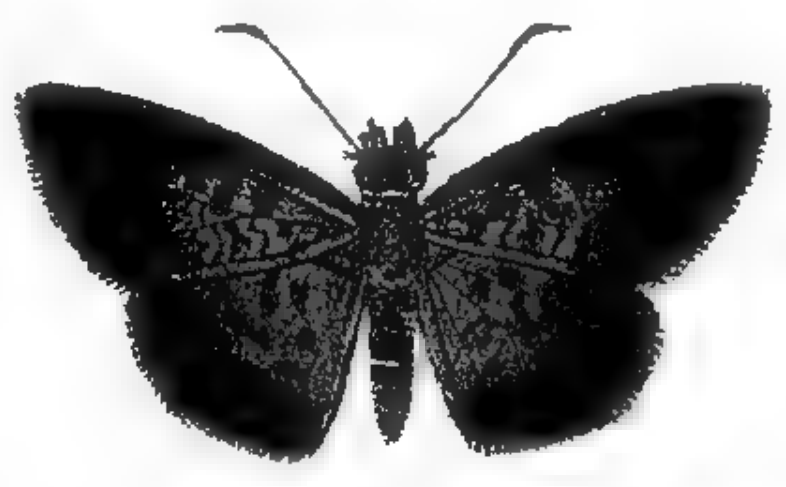
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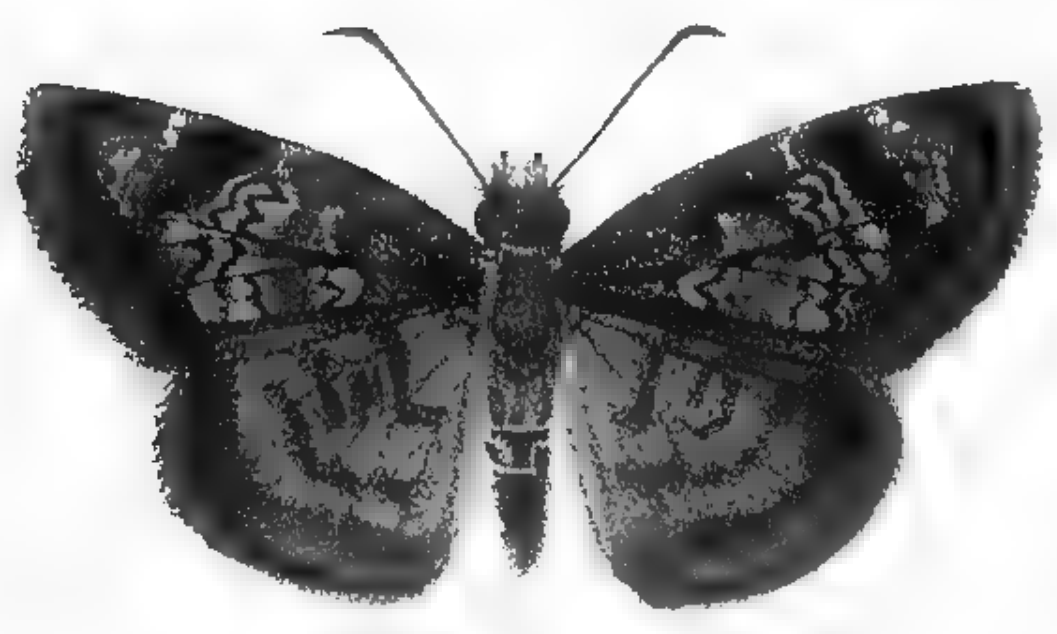
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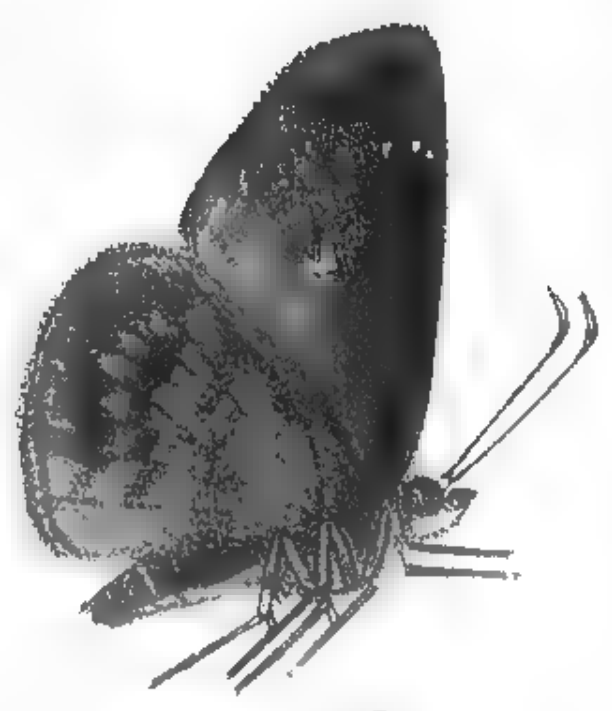
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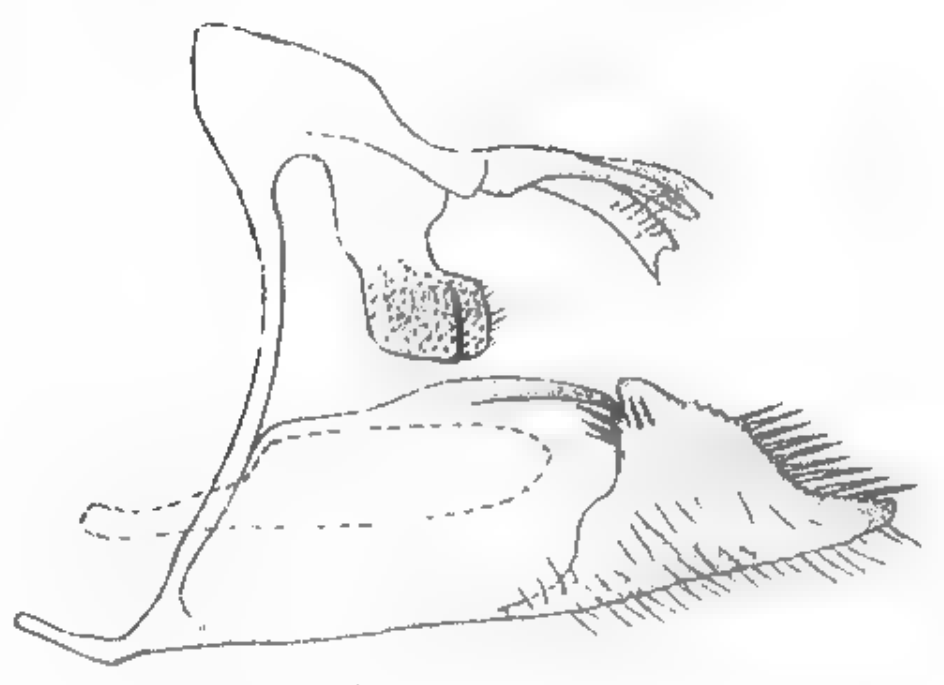
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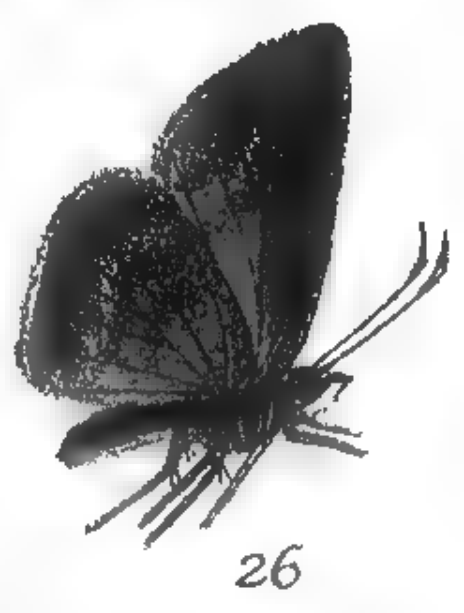
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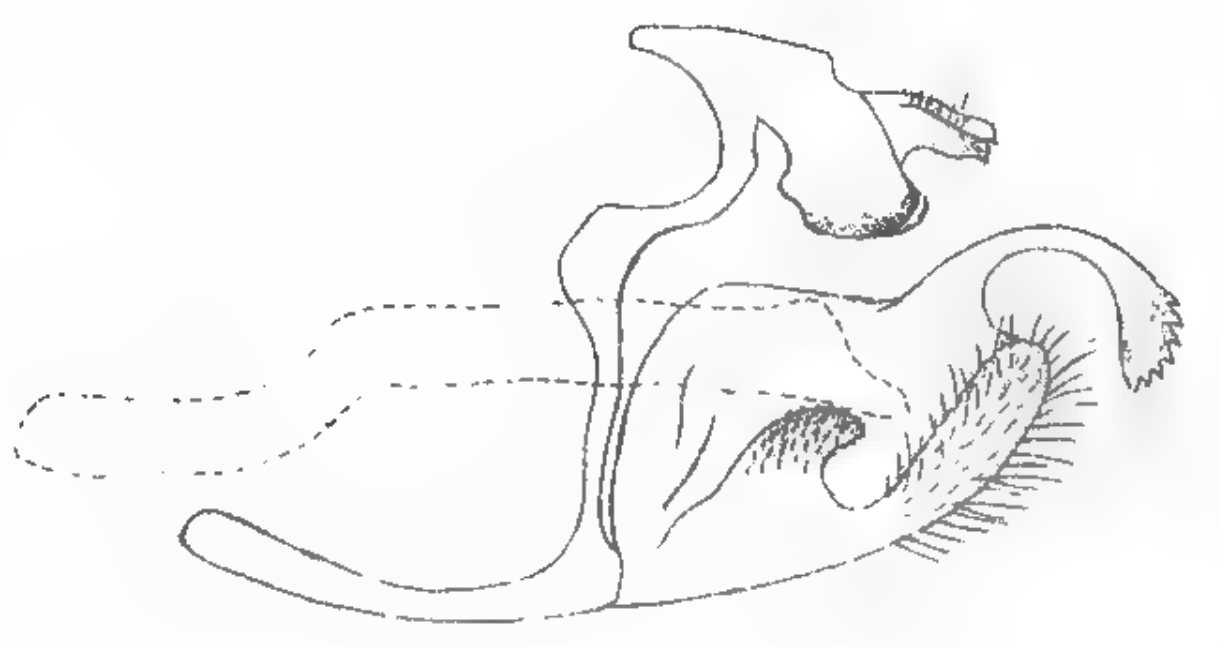
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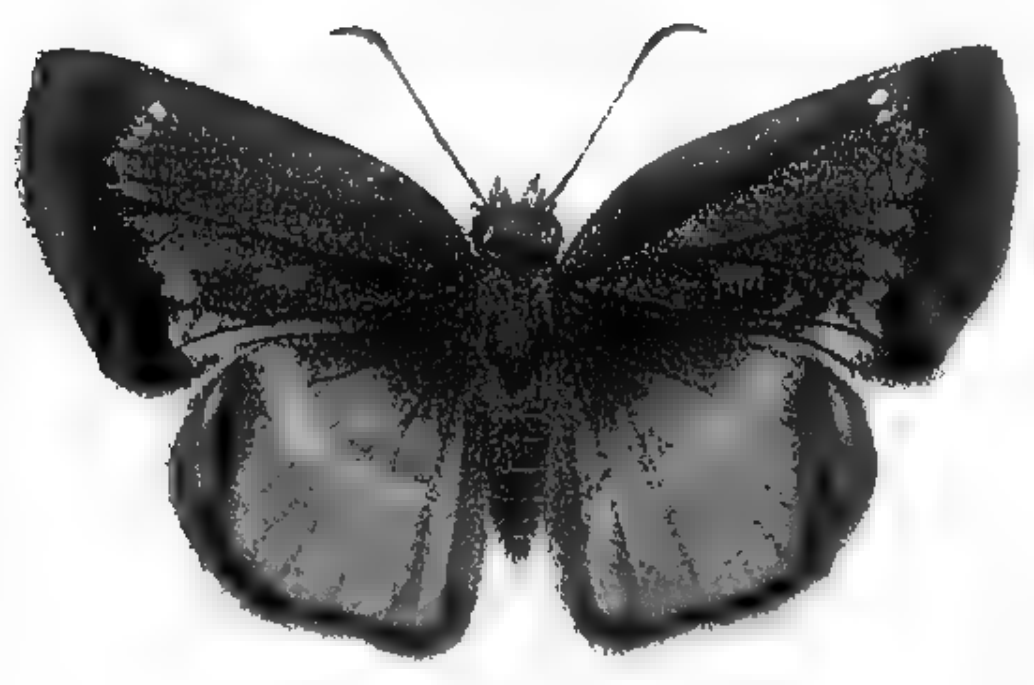
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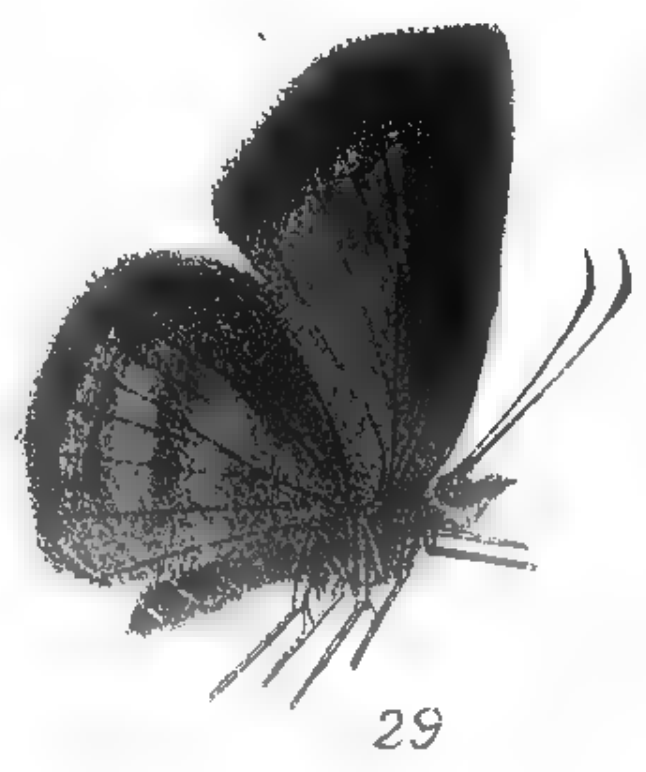
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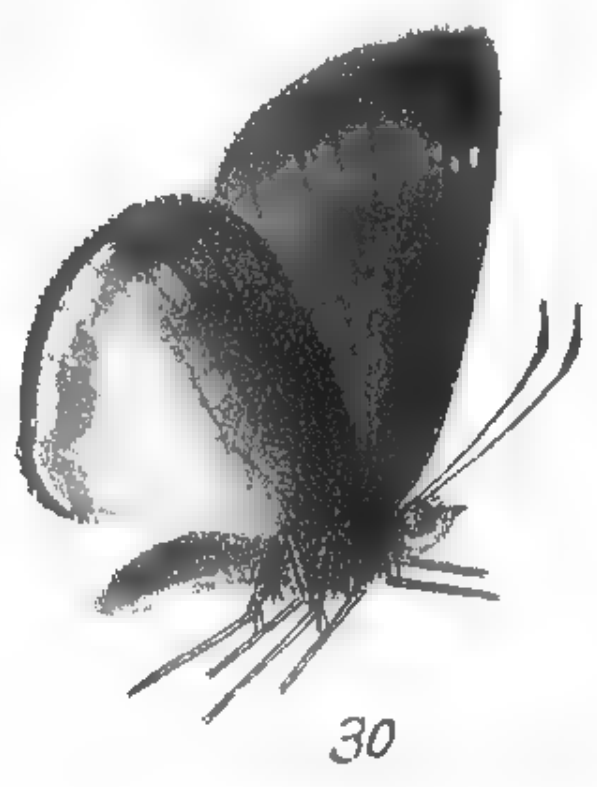
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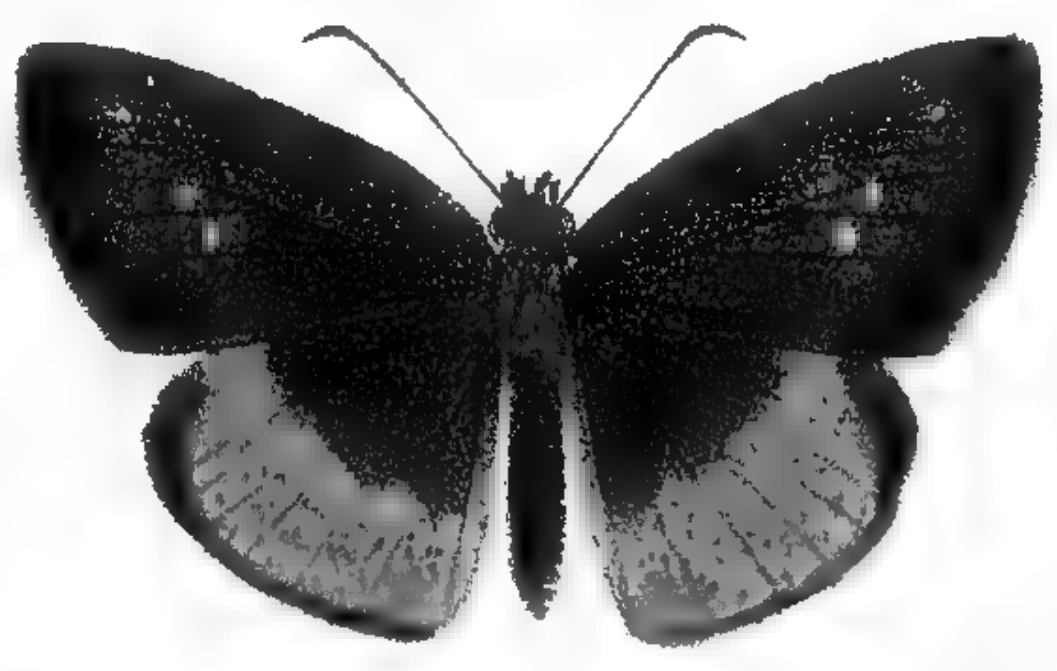
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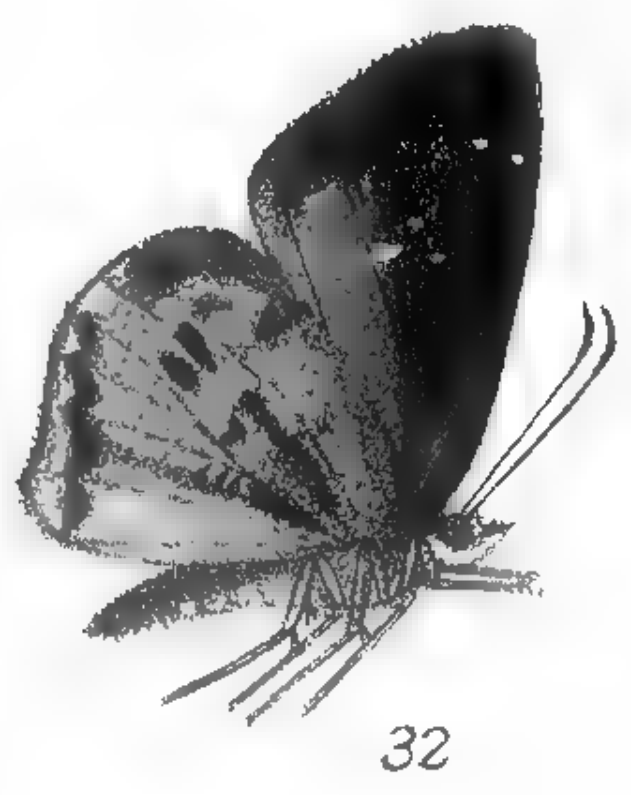
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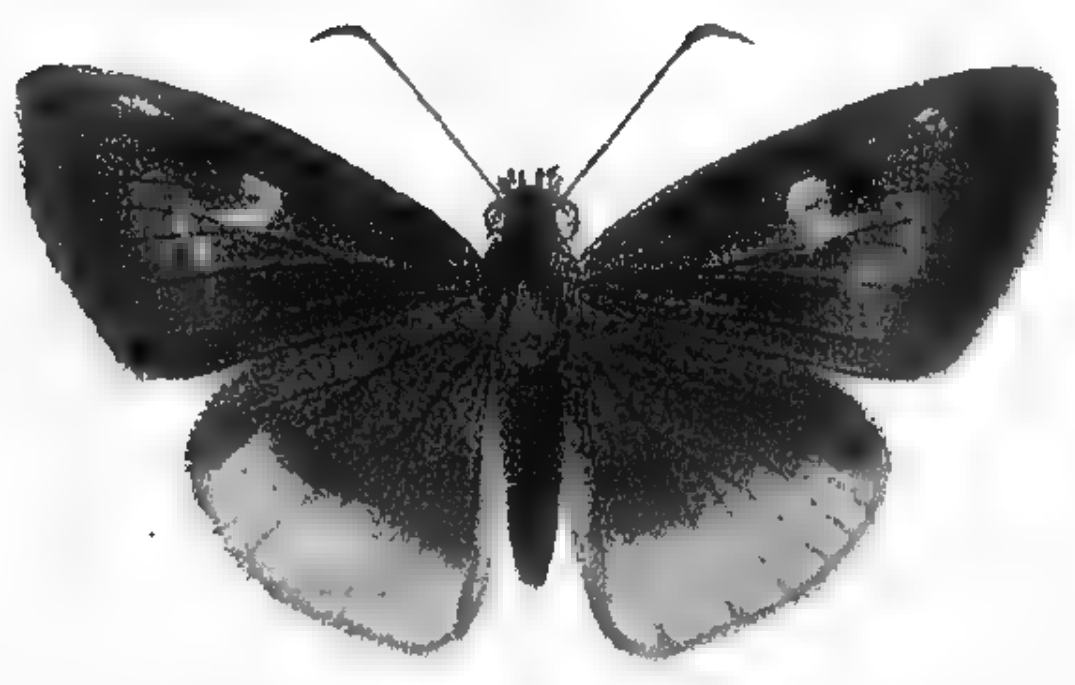
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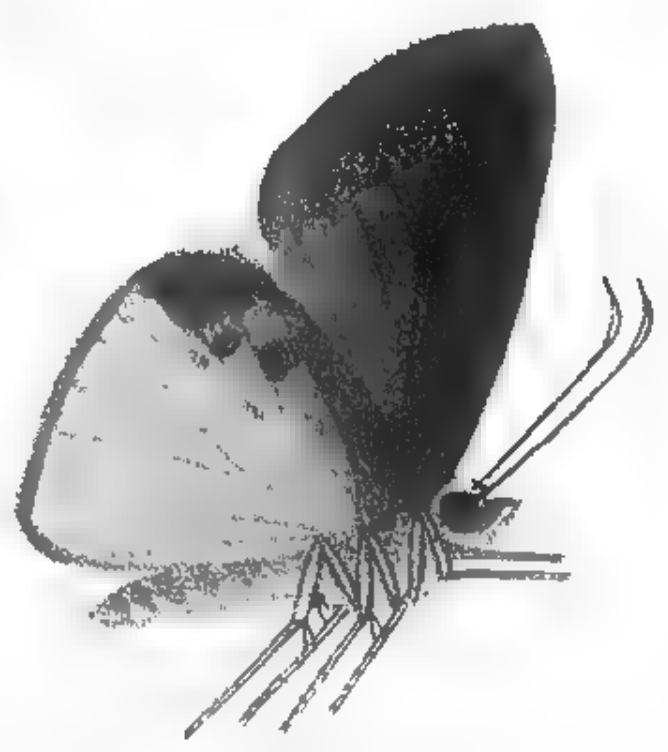
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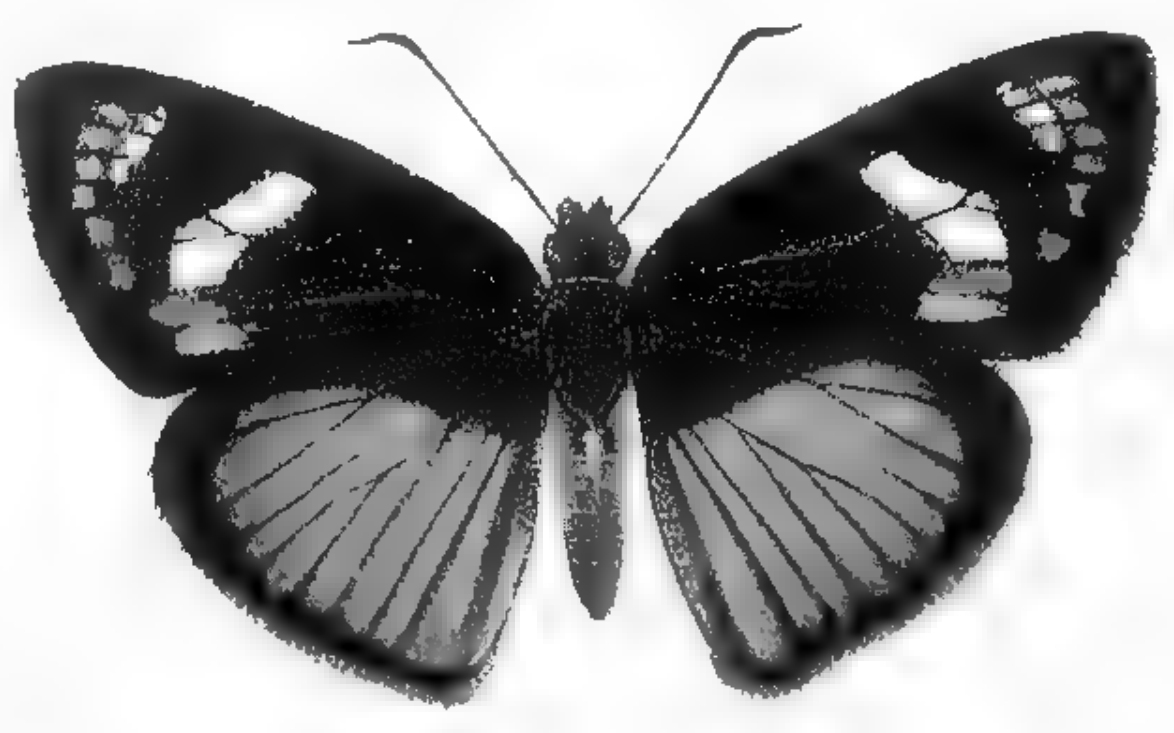
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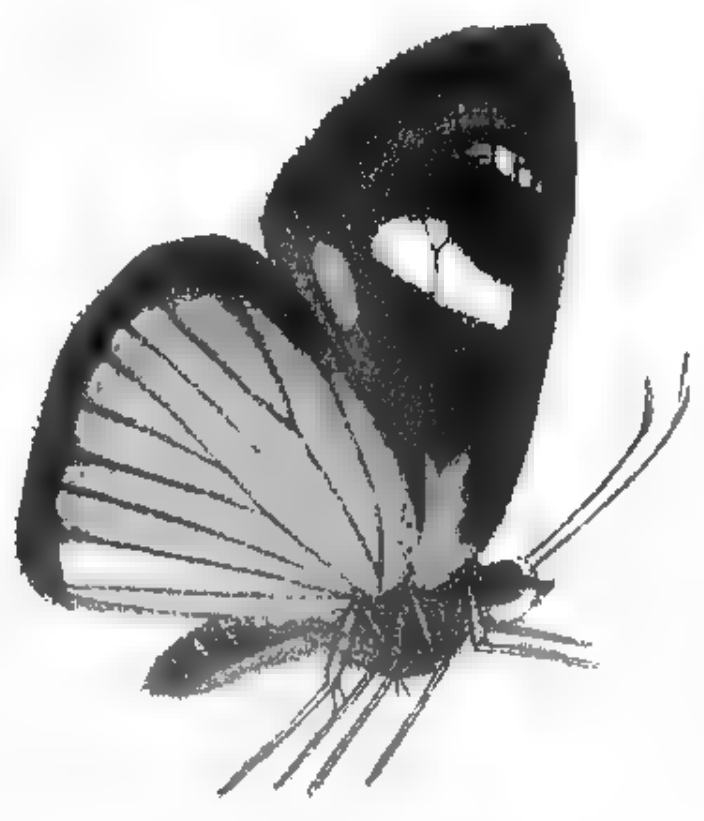
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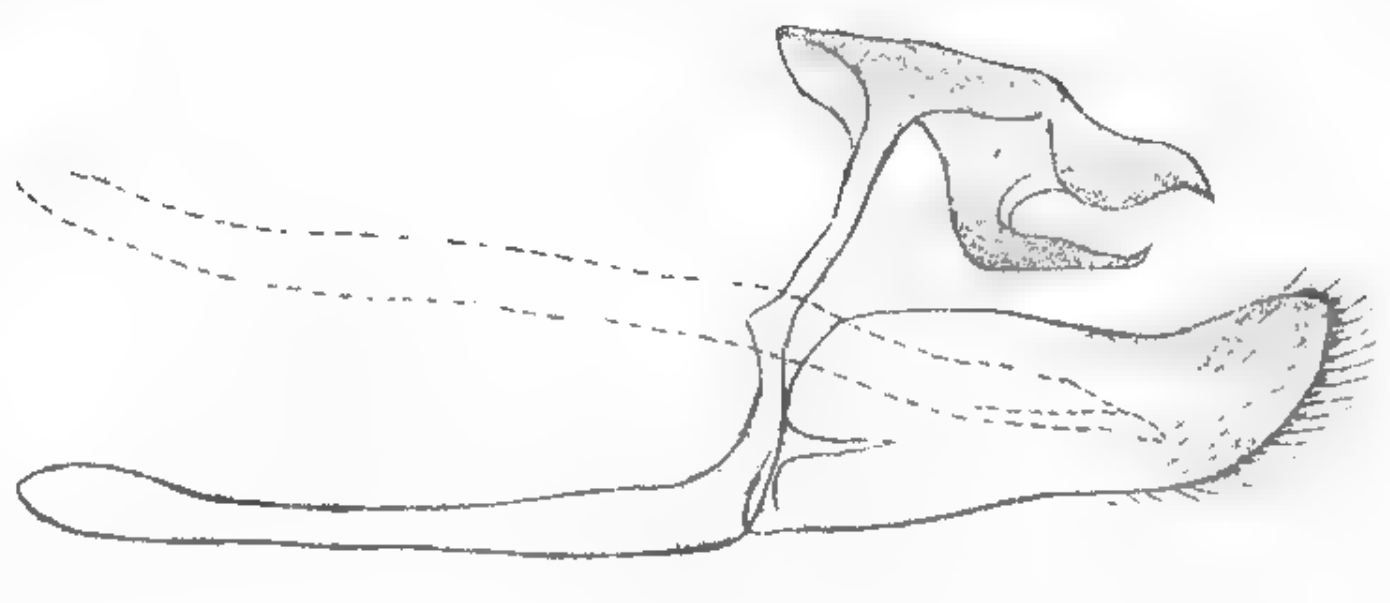
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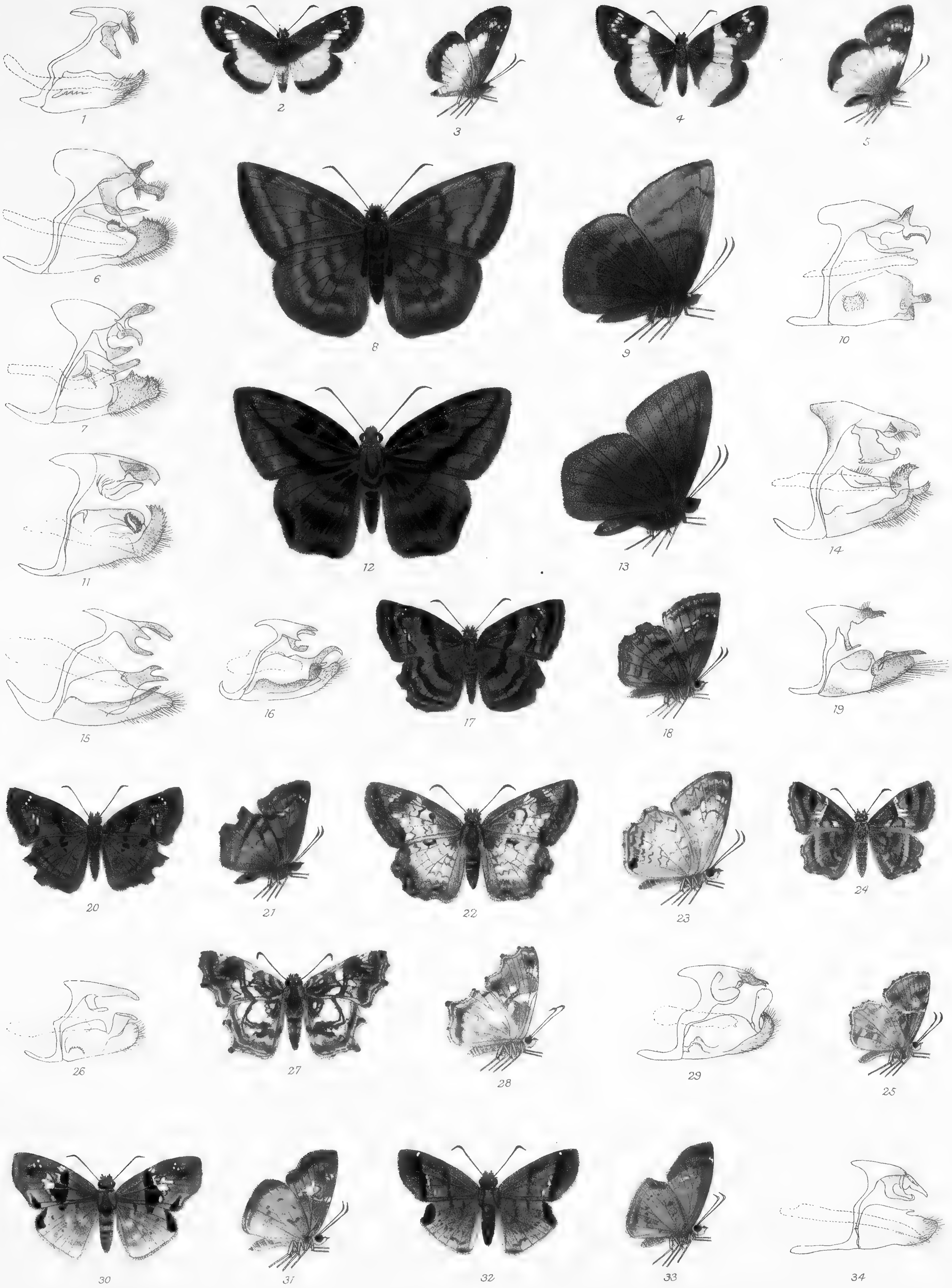
1♂ POTAMANAX PARALUS.
2,3 " PAMMENES.
4 " MELICERTES.
5,6 " CALIADNE.
7♀ " XANTHOLEUCE.
8♂ ACHLYODES FRIDERICUS.
9,10♂ CALIGINEA.

11,12♂ ACHLYODES CALAVIUS.
13,14♂ " BUBARIS.
15,16♀ " SIMPLEX.
17 " FASCIATA.
18,19♀ " COLOTES.
20,21♀ " OICLUS.
22,23,24♂ SOSTRATA SCINTILLANS.

25,26♂ SOSTRATA PUSILLA.
27♂ PACHES LOXUS.
28,29♂ " POLLA.
30♀ " SUBALBATUS.
31,32,33♂ ATE PROXENUS.
34,35♂ " PTERAS.
36,37 " AMARYLLIS.

W. Purkiss lith.
Hanhart imp
652.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1♂ MILANION HEMES.
2,3♂ " MARCIANA.
4,5 " MARICA.
6♂ EANTIS BUSIRUS.
7♂ " THRASO.
8,9,10♂ " PALLIDA.

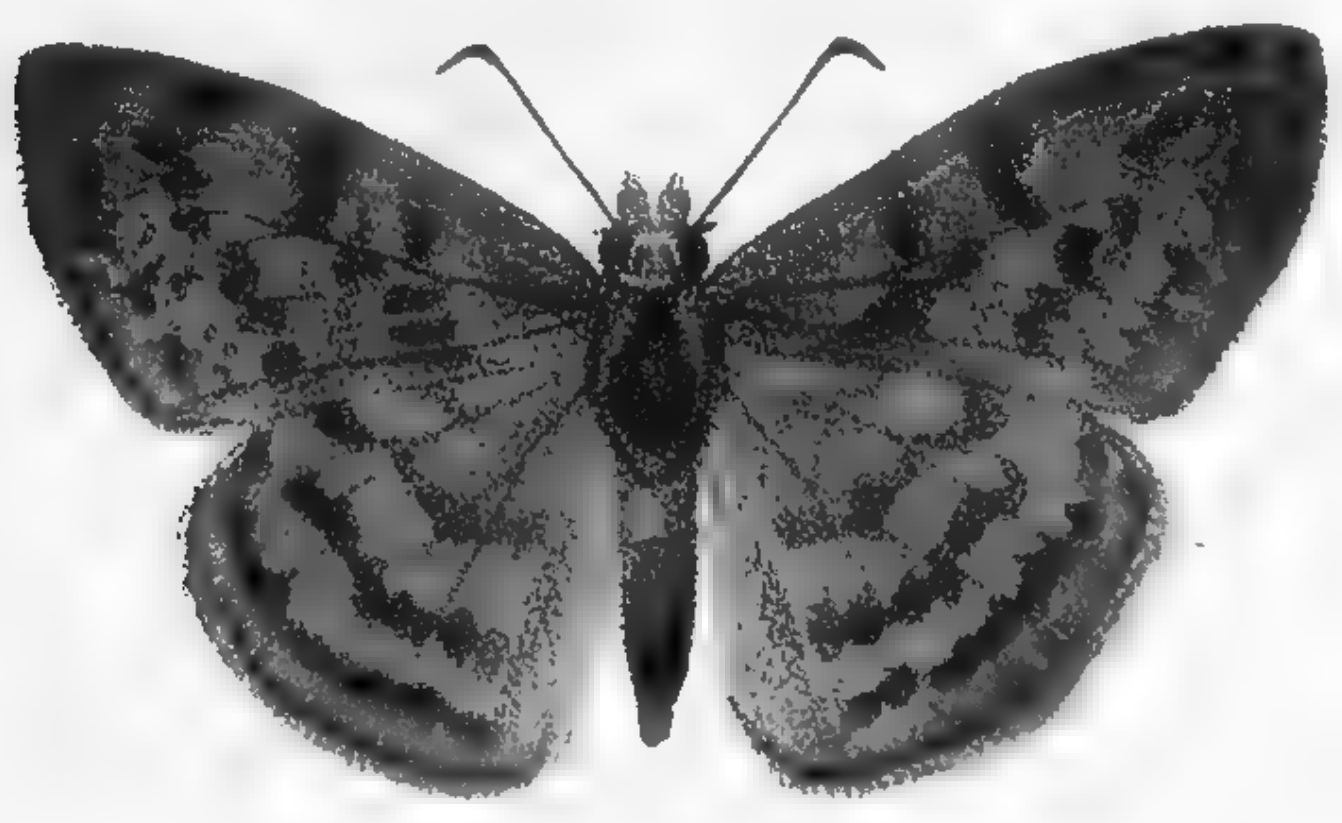
11♂ DOBERES MEXICANUS.
12,13,14♂ MASICES ANTICUS.
15♂ ANTIGONUS NEARCHUS.
16♂ SYSTASEA EROSA.
17,18,19♂ " FUNEBRIS.
20,21 " CORROSA.

22,23 SYSTASEA EMORSA.
24,25 " PULVERULENTA.
26♂ DIÆUS LACÆNA.
27,28,29♂ ONENSES HYALOPHORA.
30,31 GINDANES PANÆTIUS.
32,33,34♂ " BRONTINUS.

W. Purkiss lith.

Hanhart imp.
669.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres
Inches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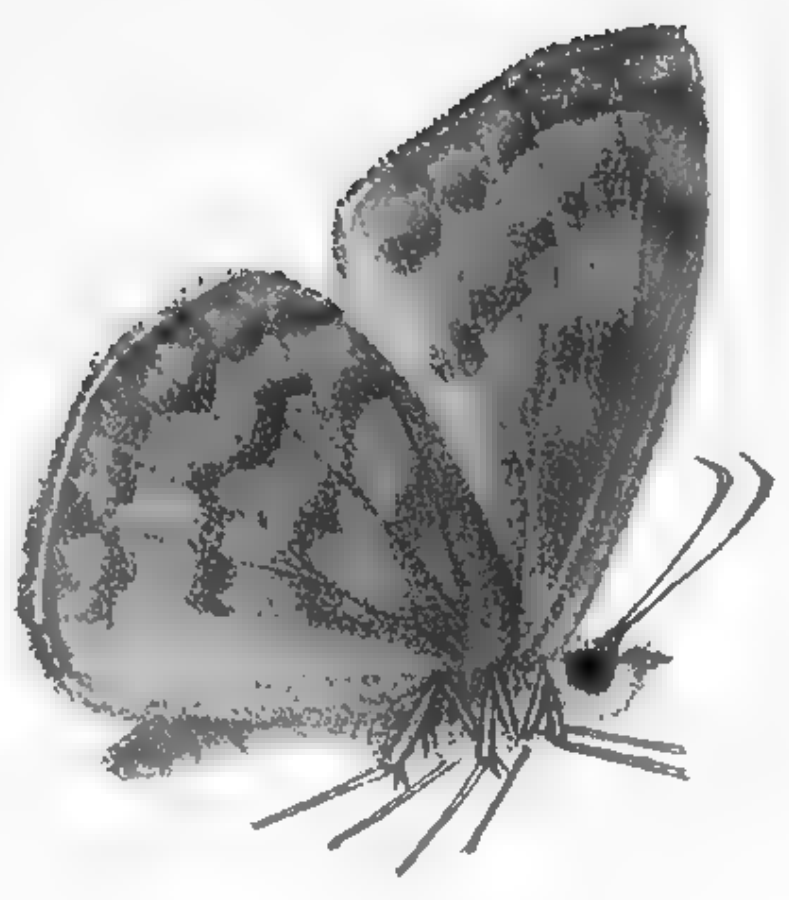
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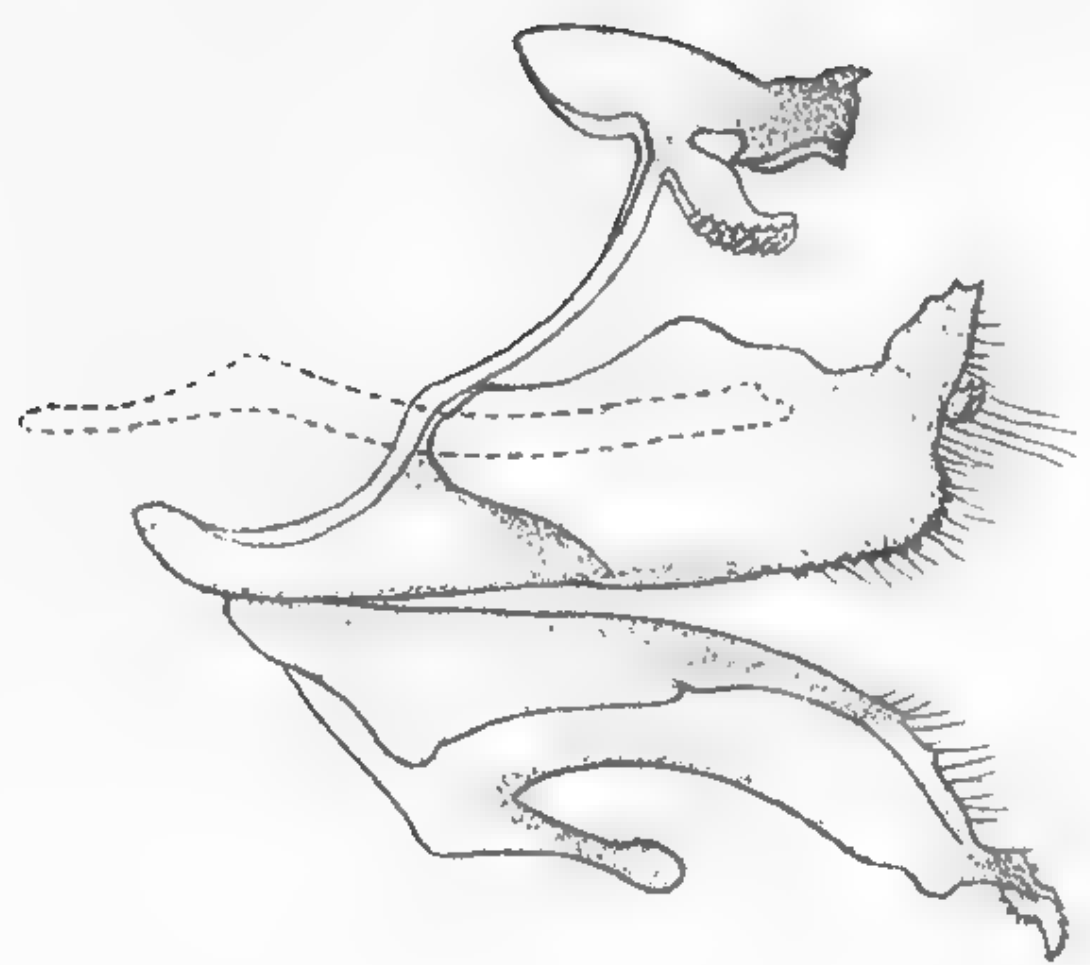
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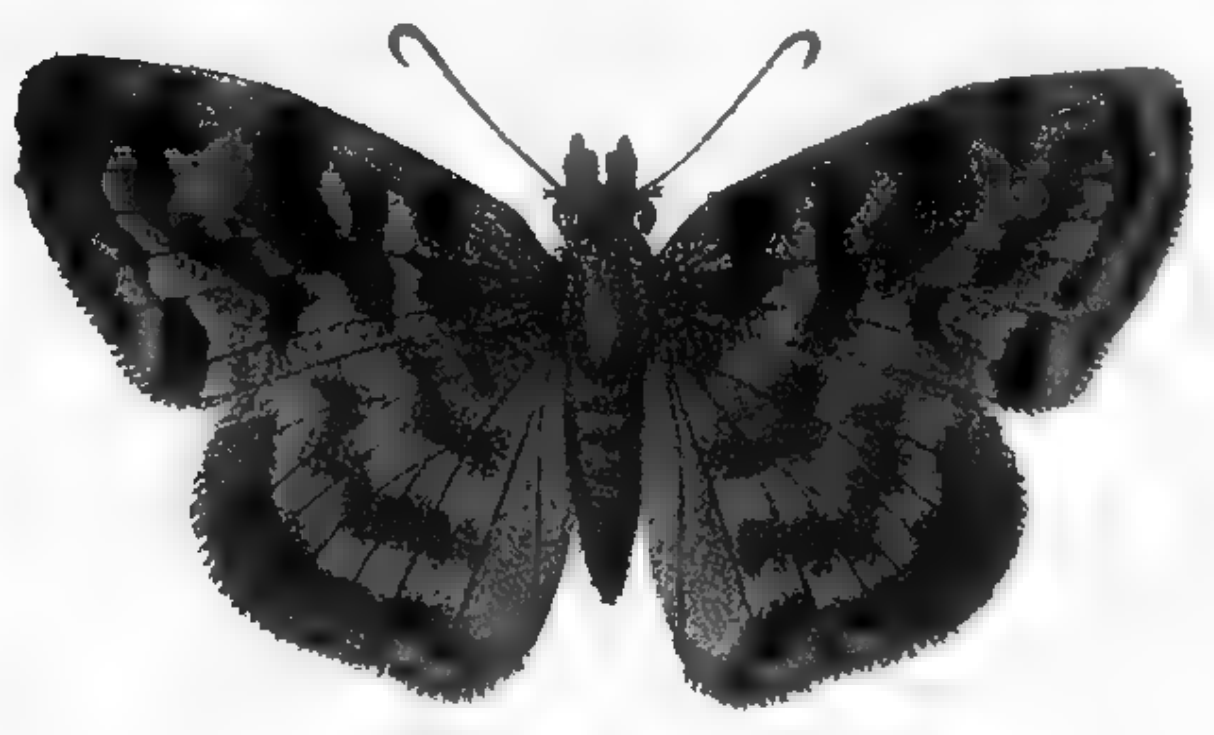
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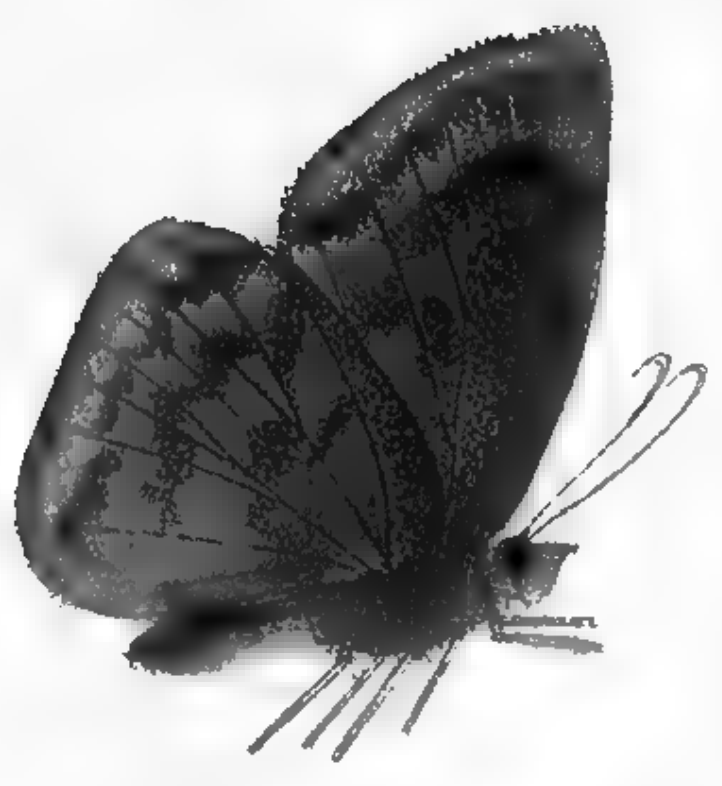
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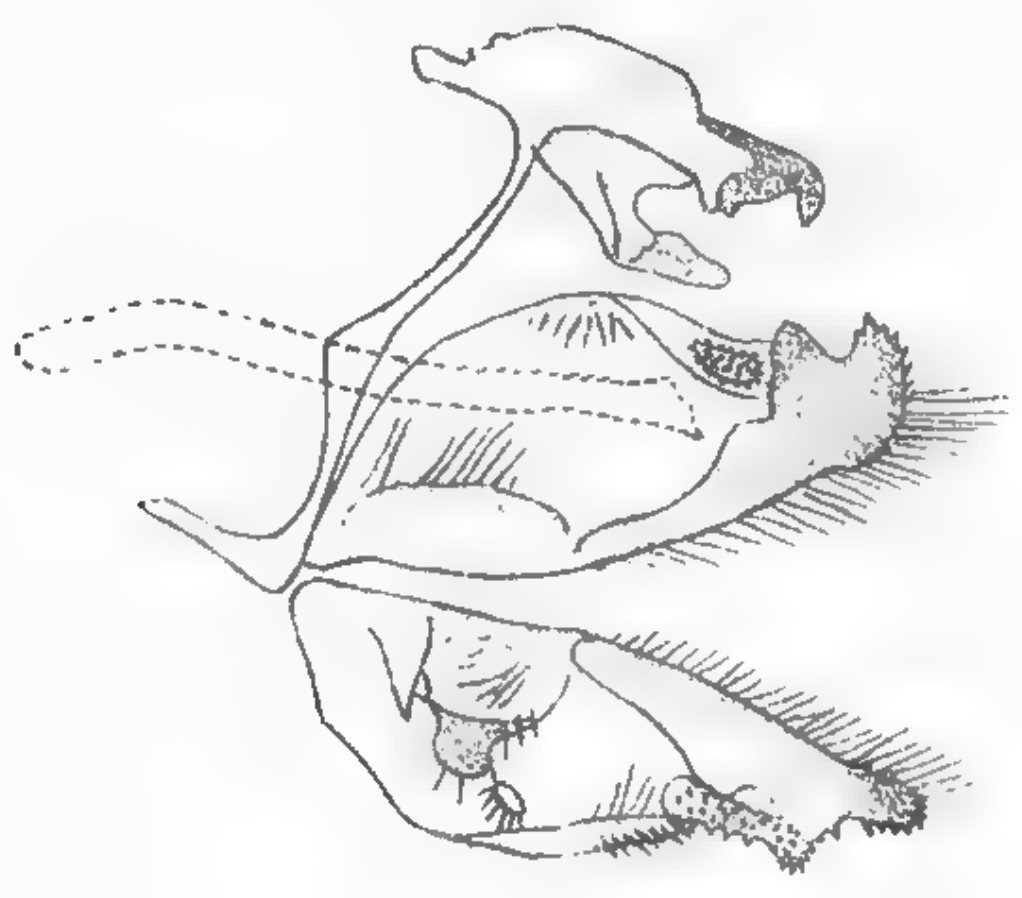
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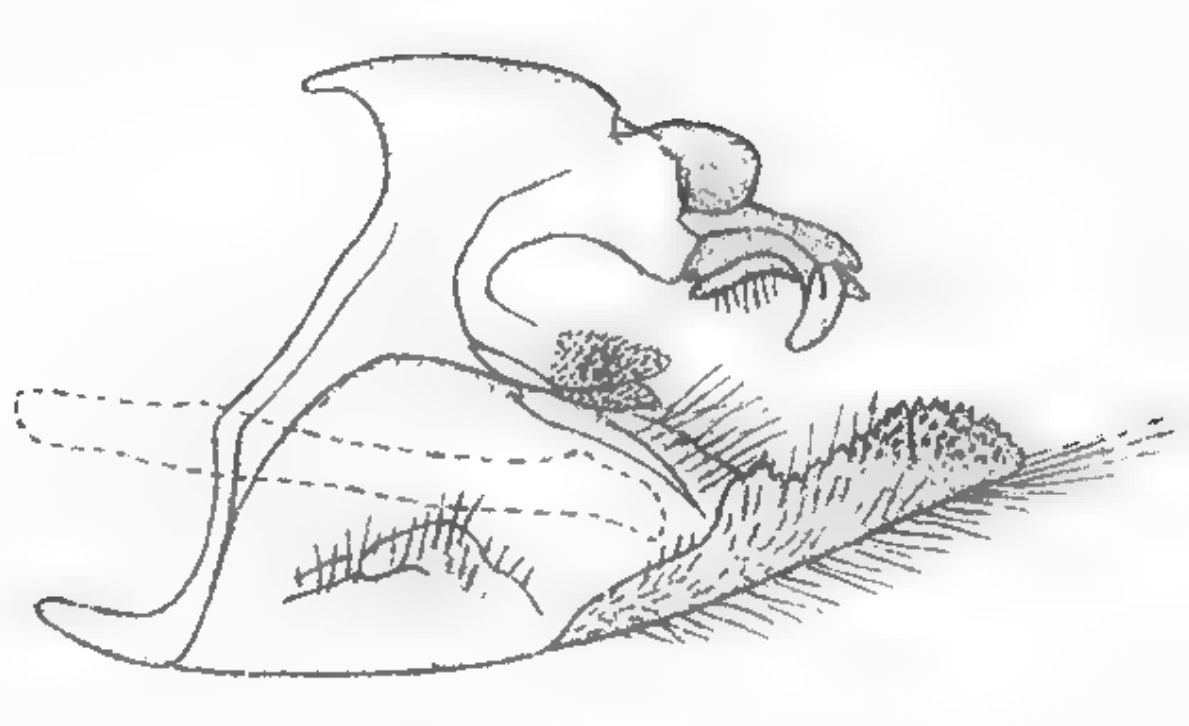
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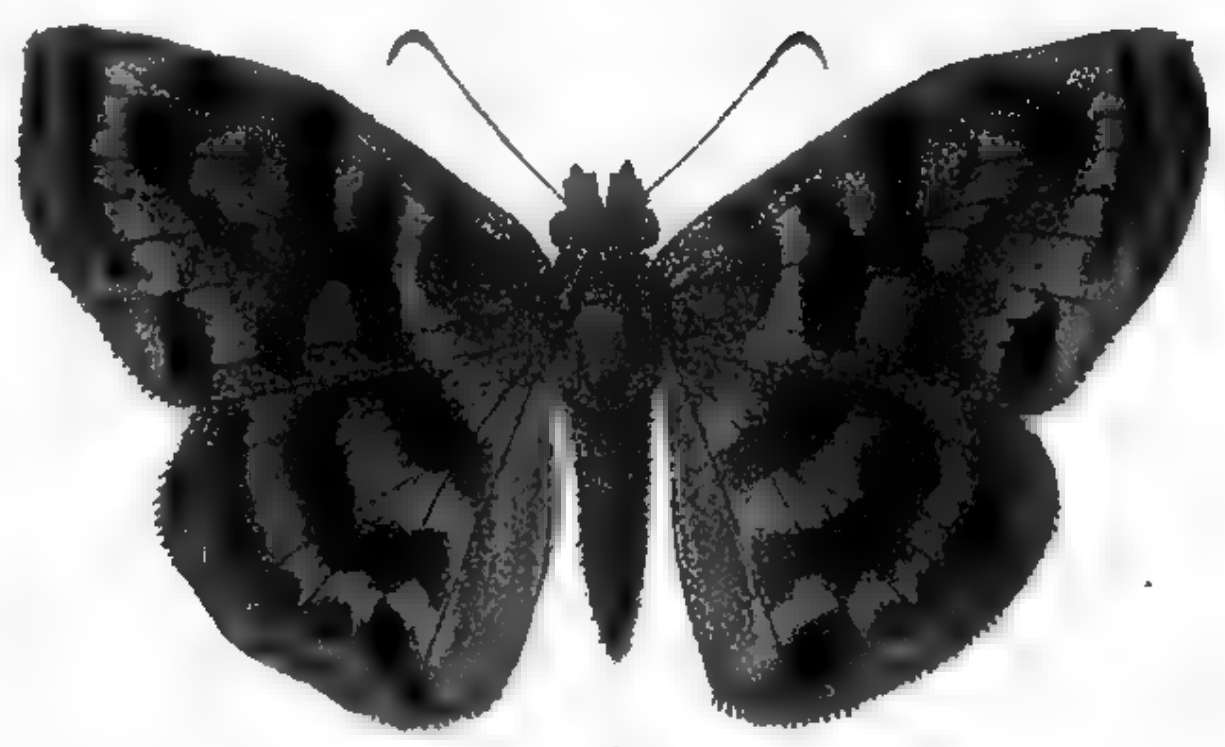
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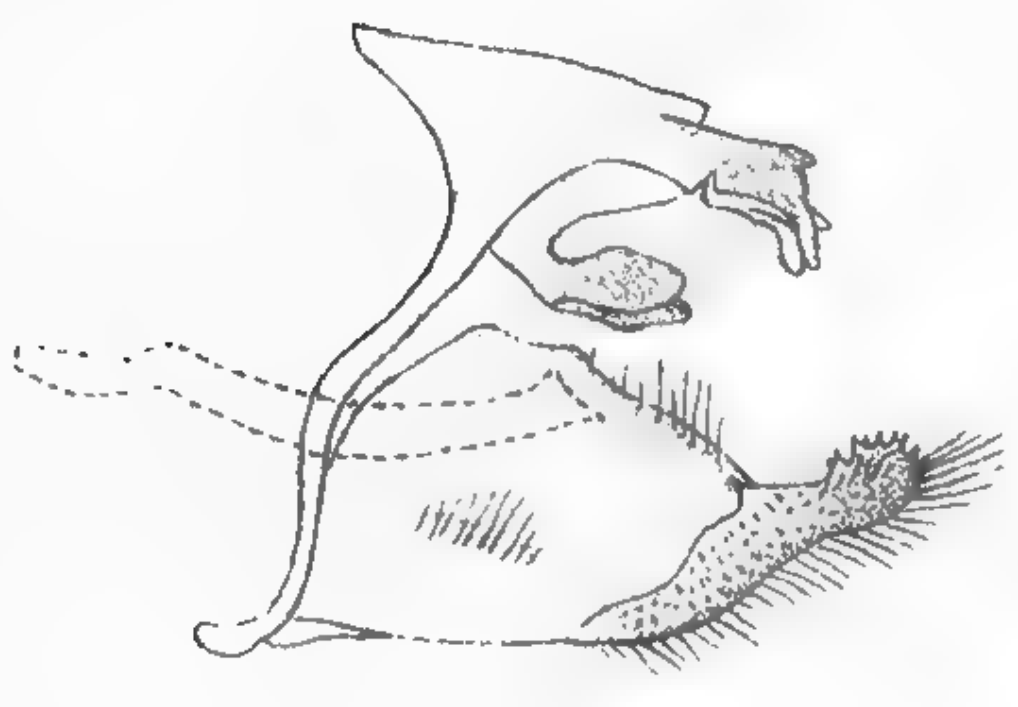
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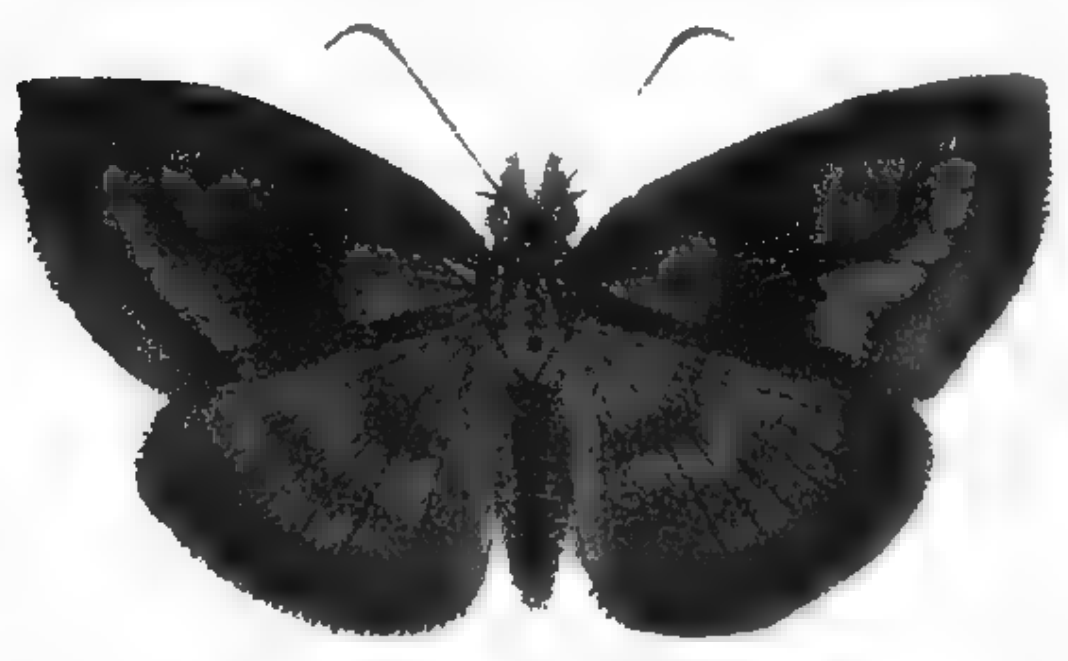
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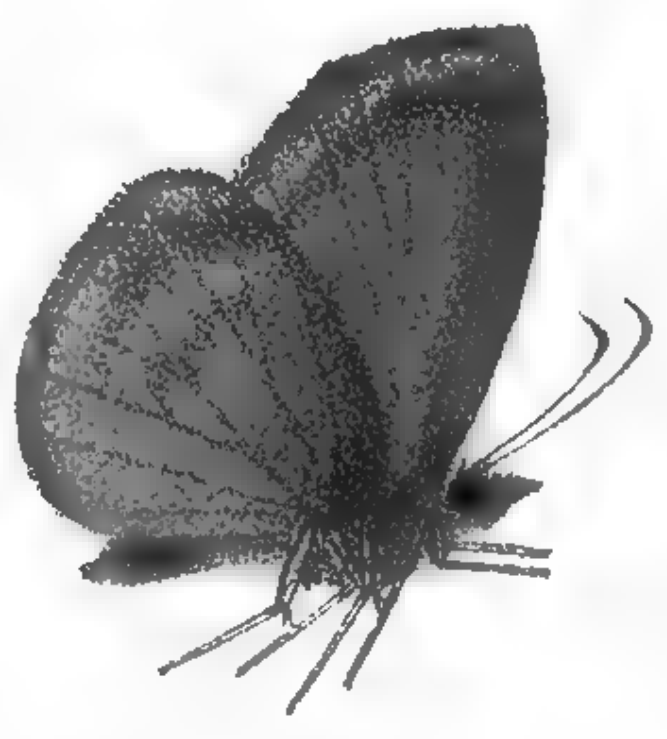
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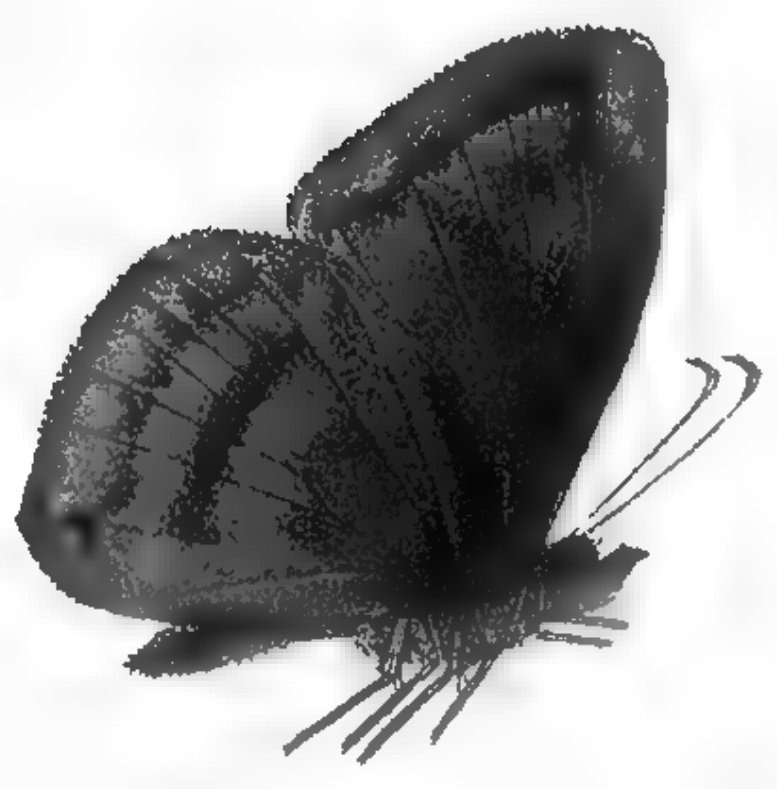
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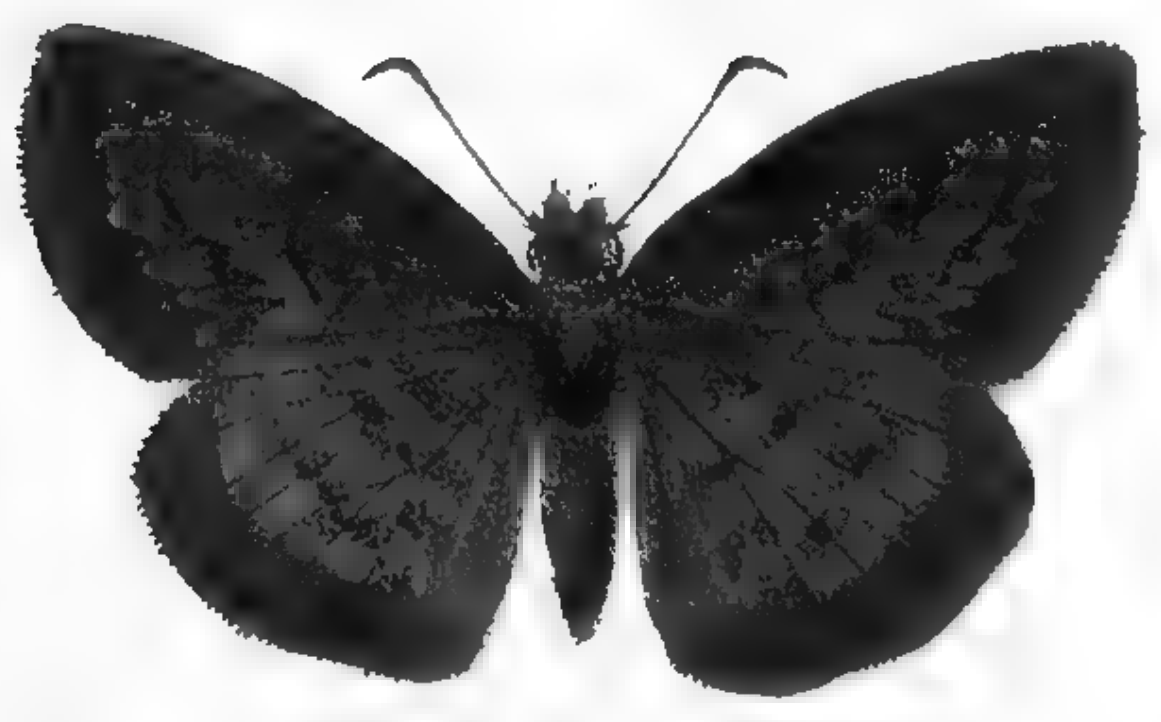
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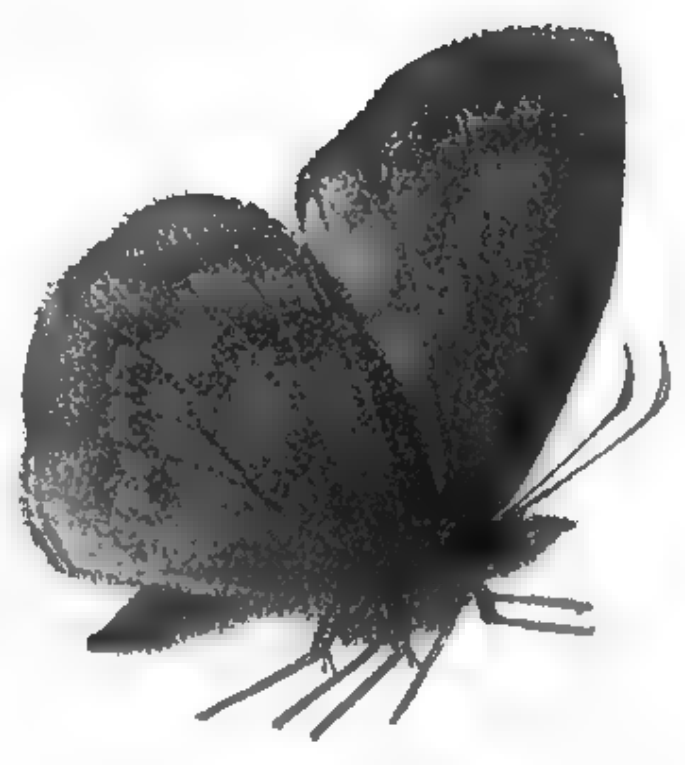
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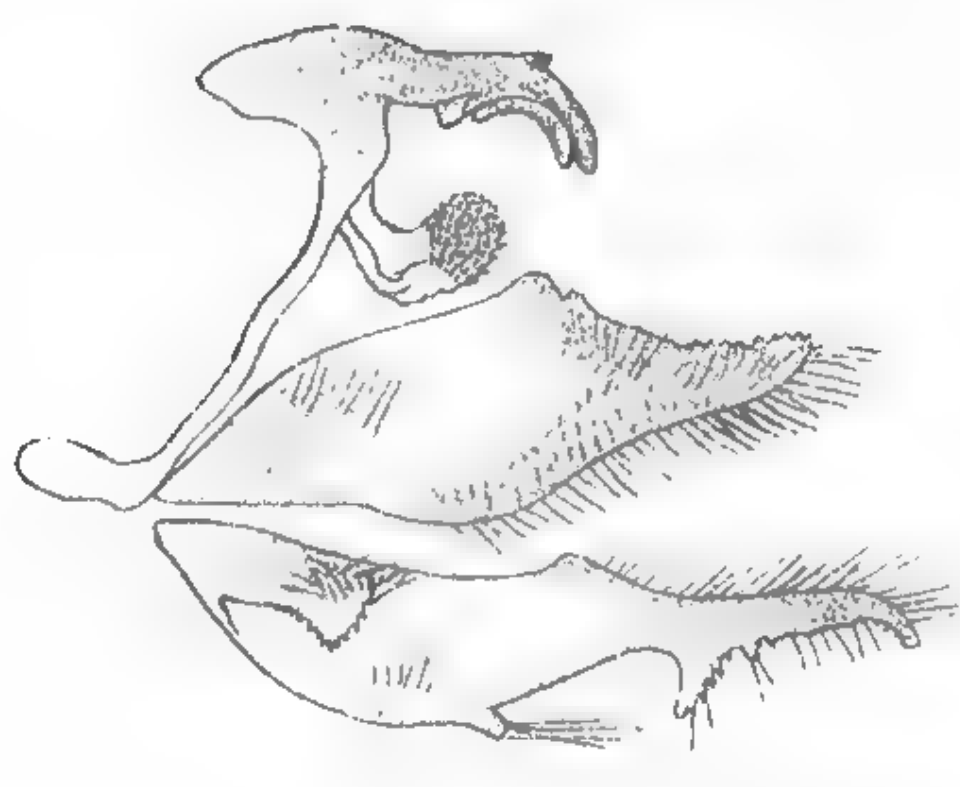
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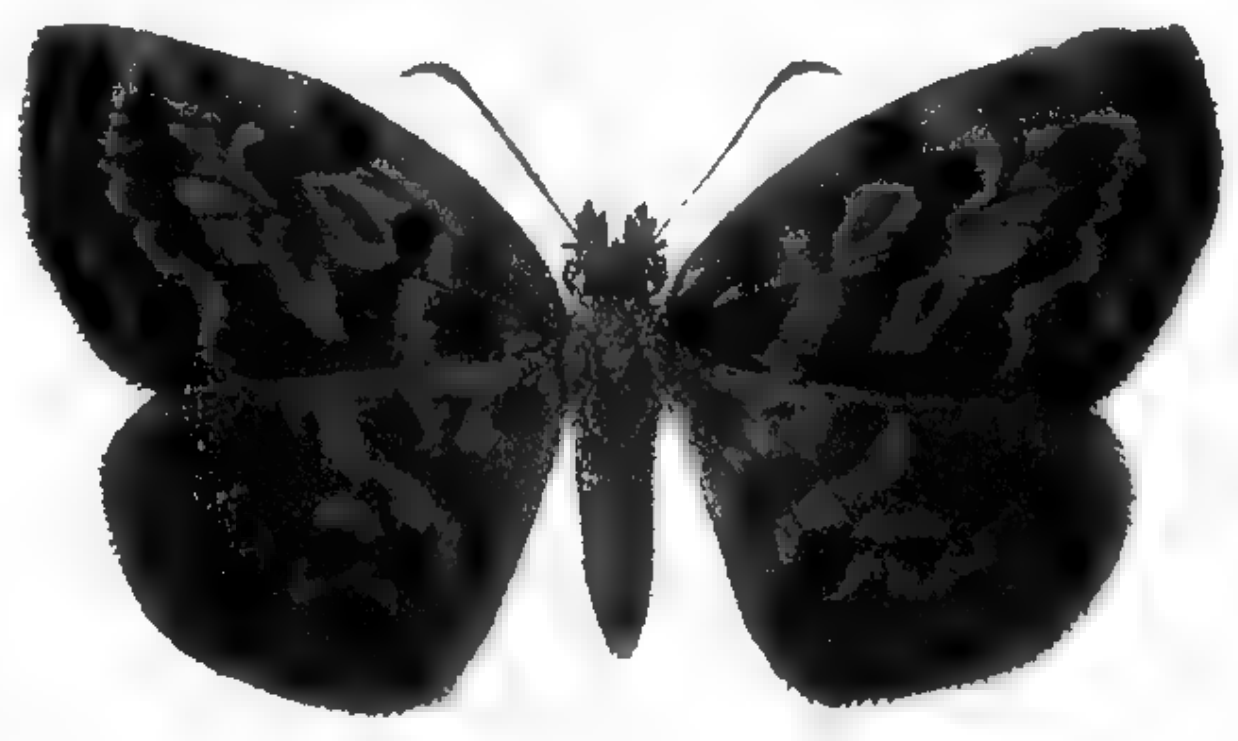
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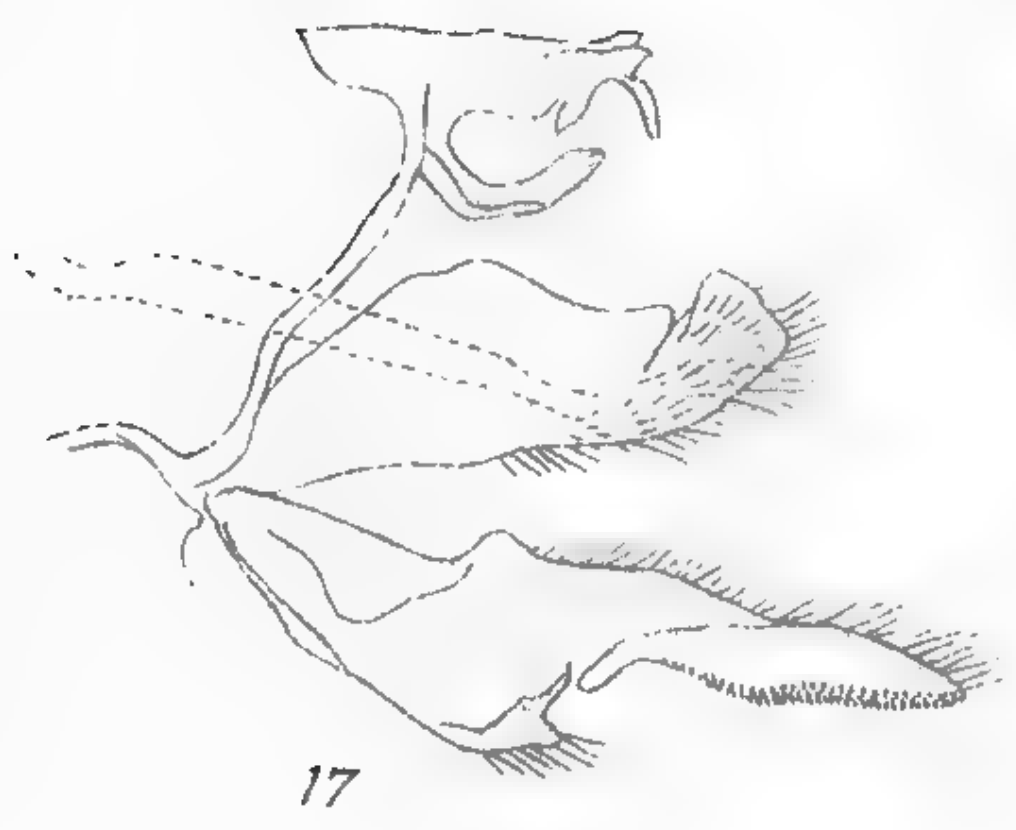
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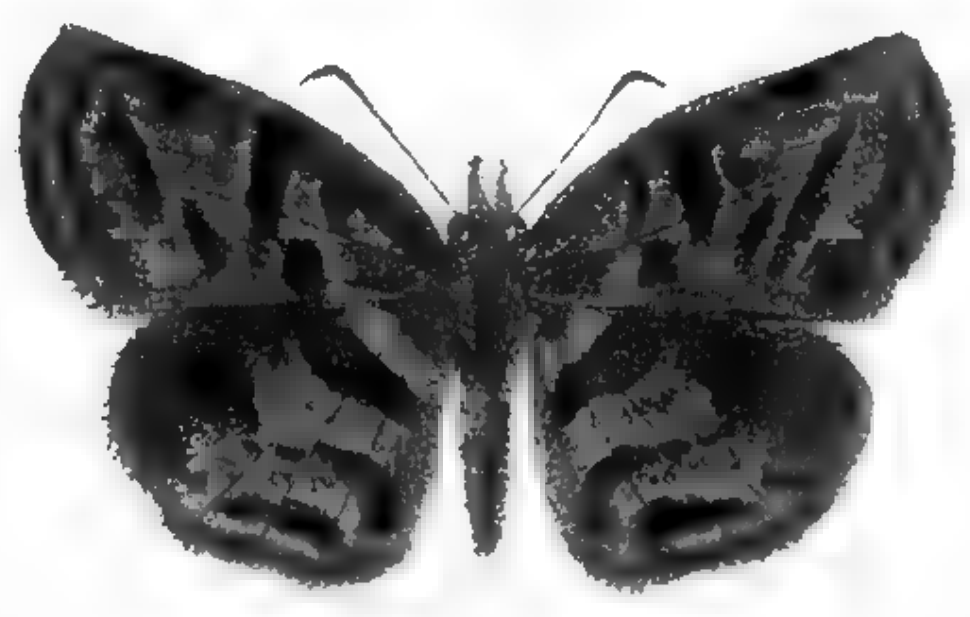
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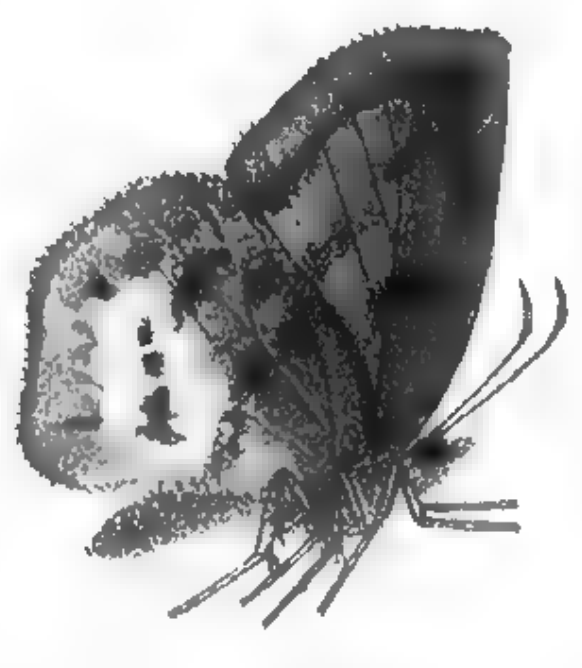
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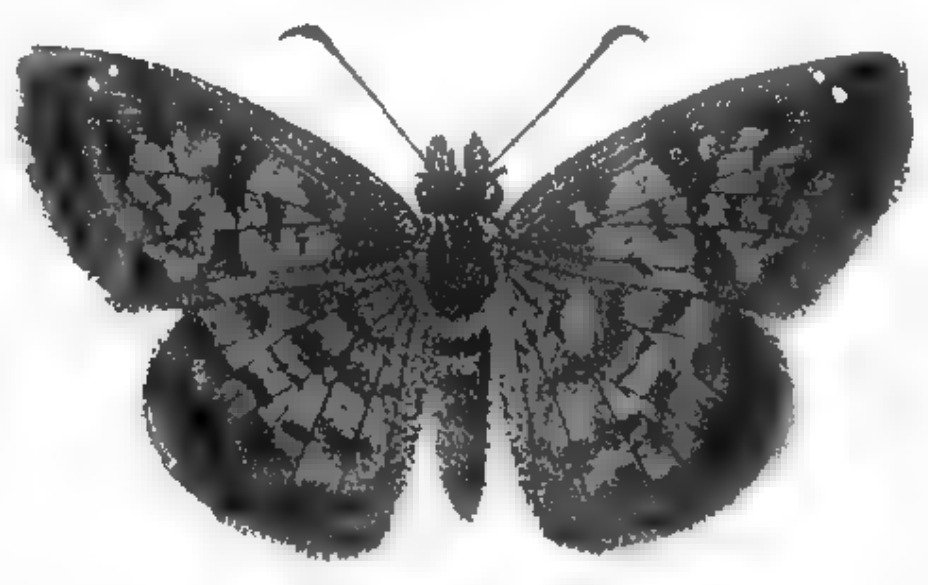
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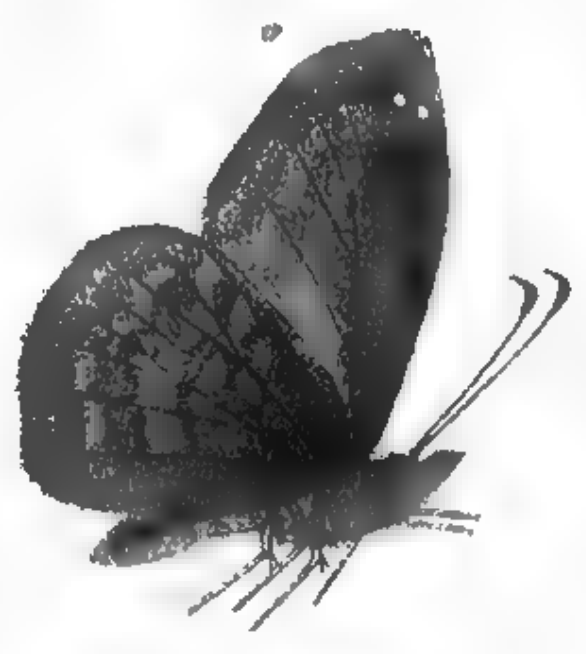
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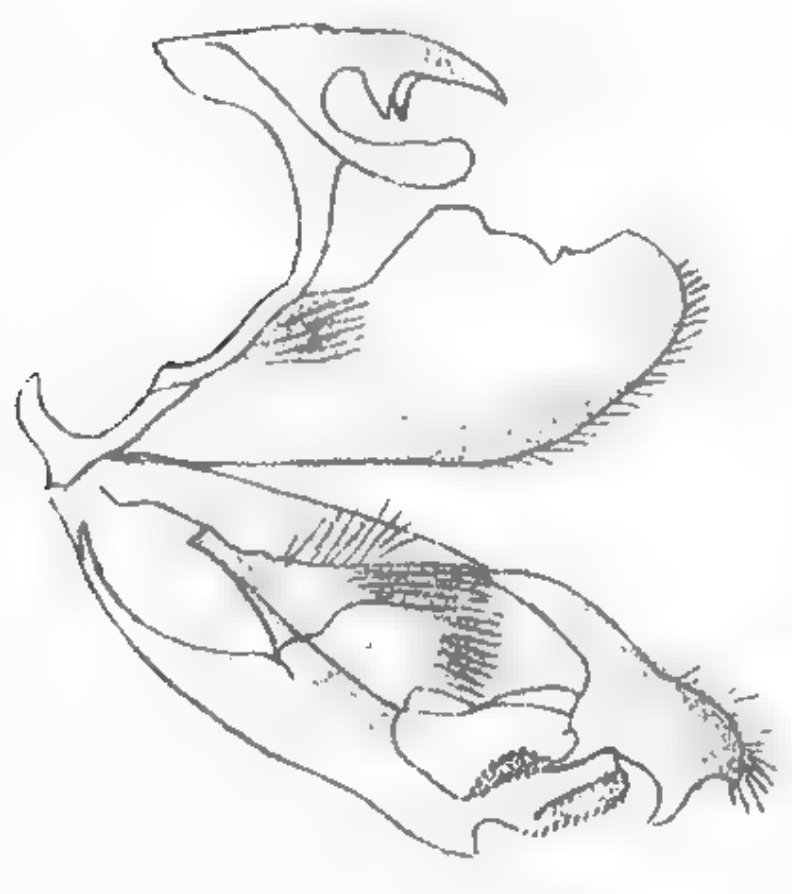
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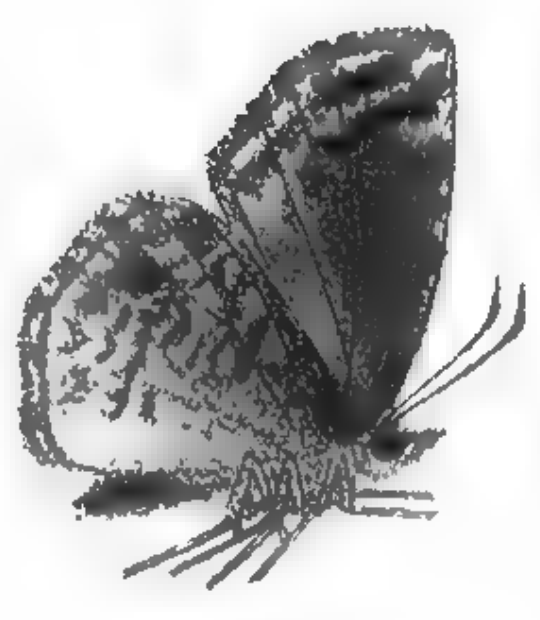
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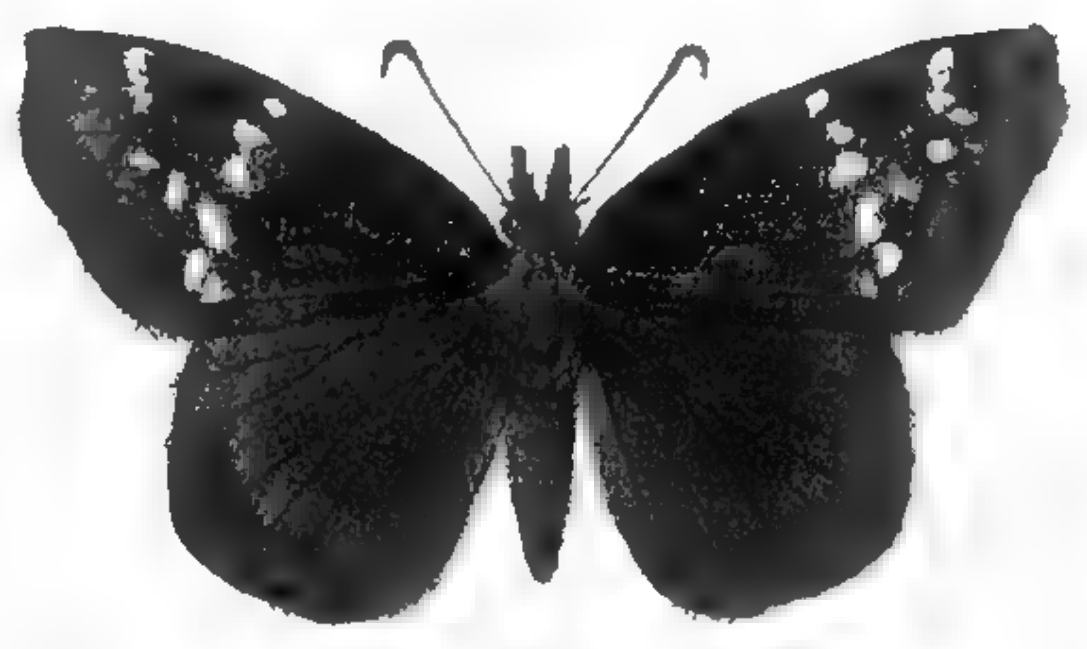
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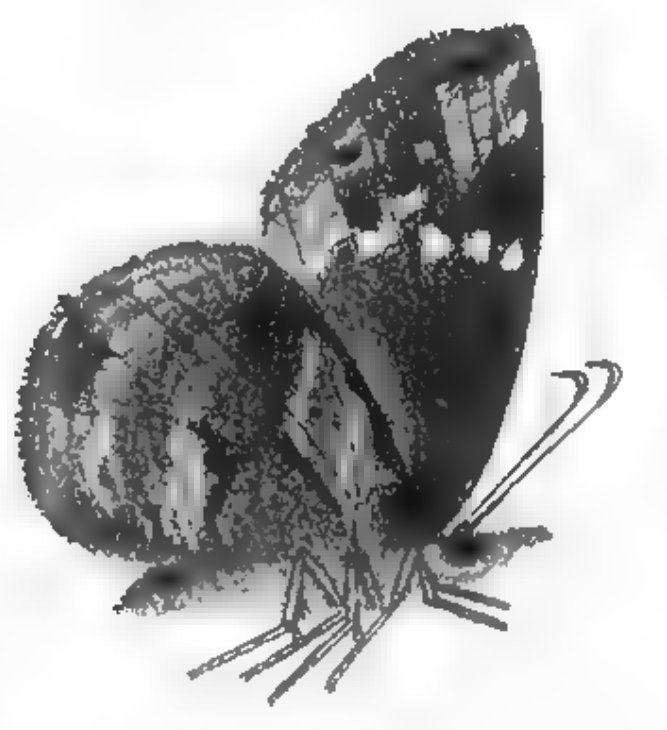
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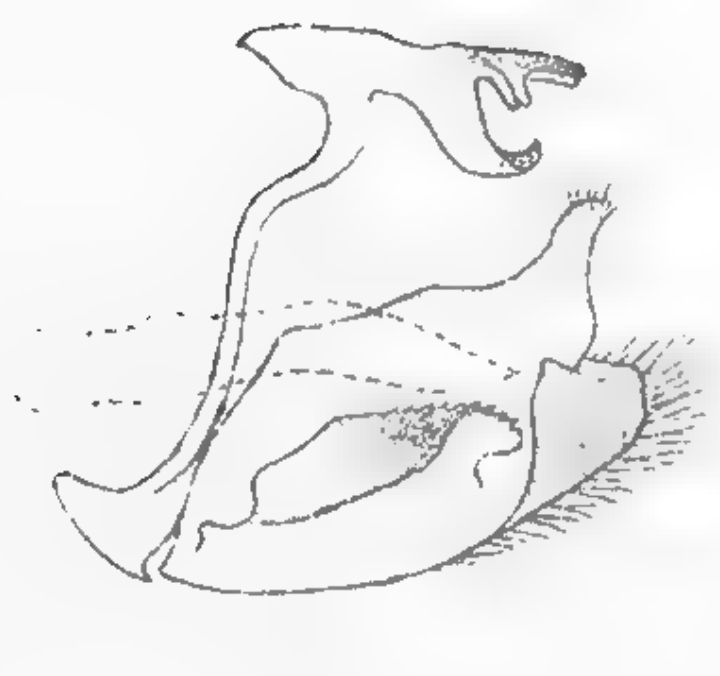
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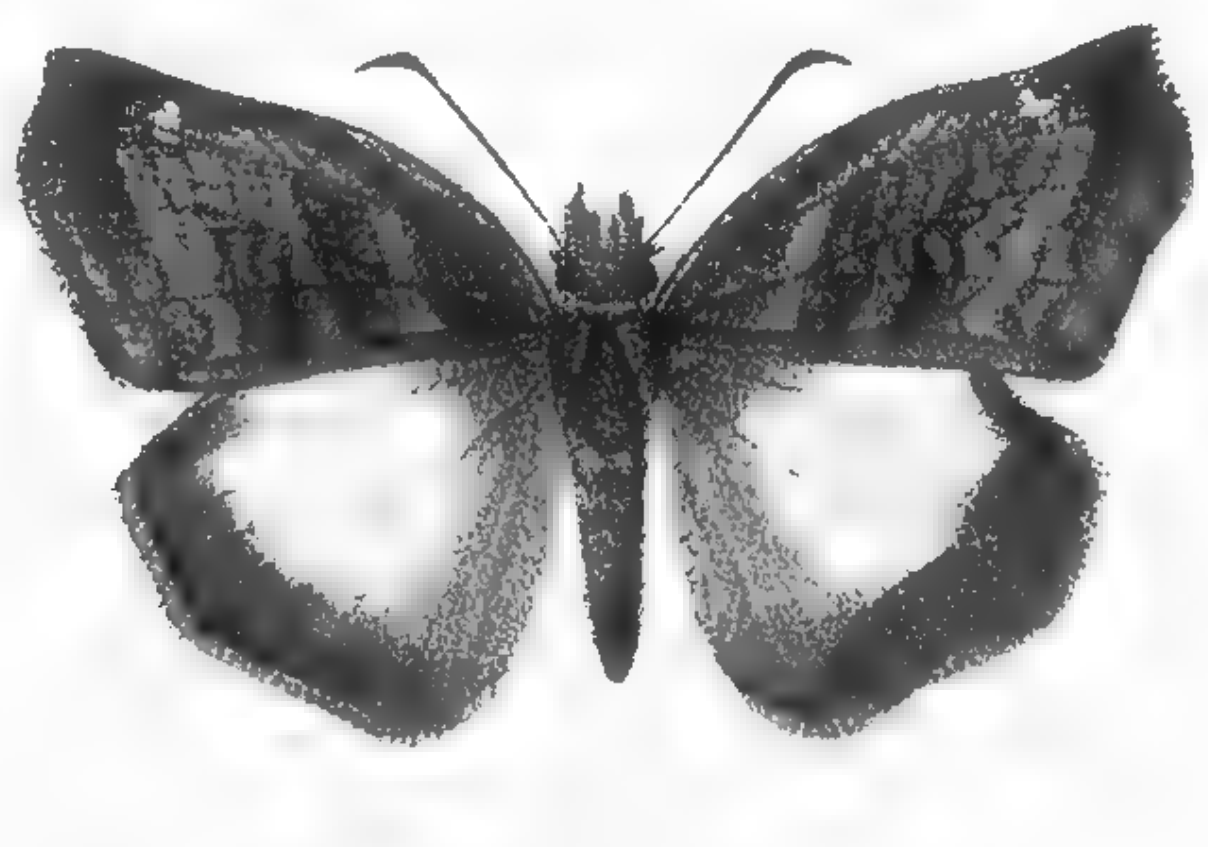
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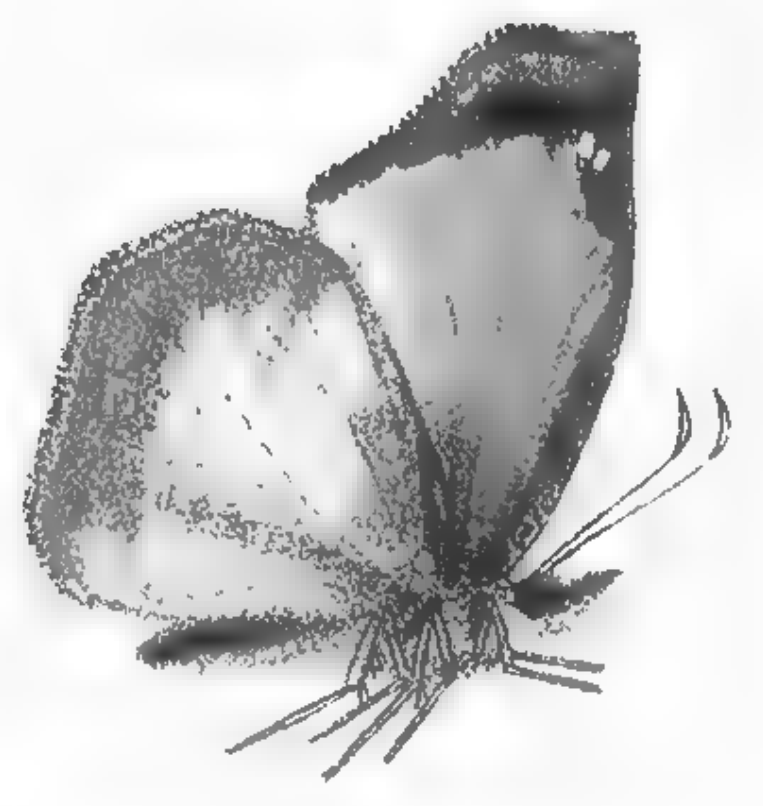
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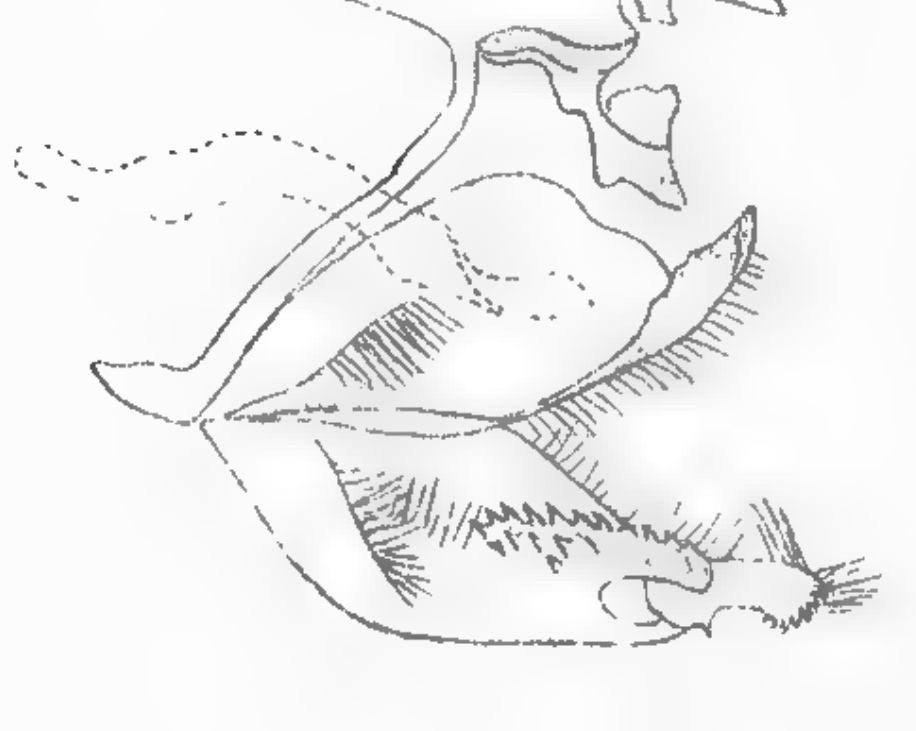
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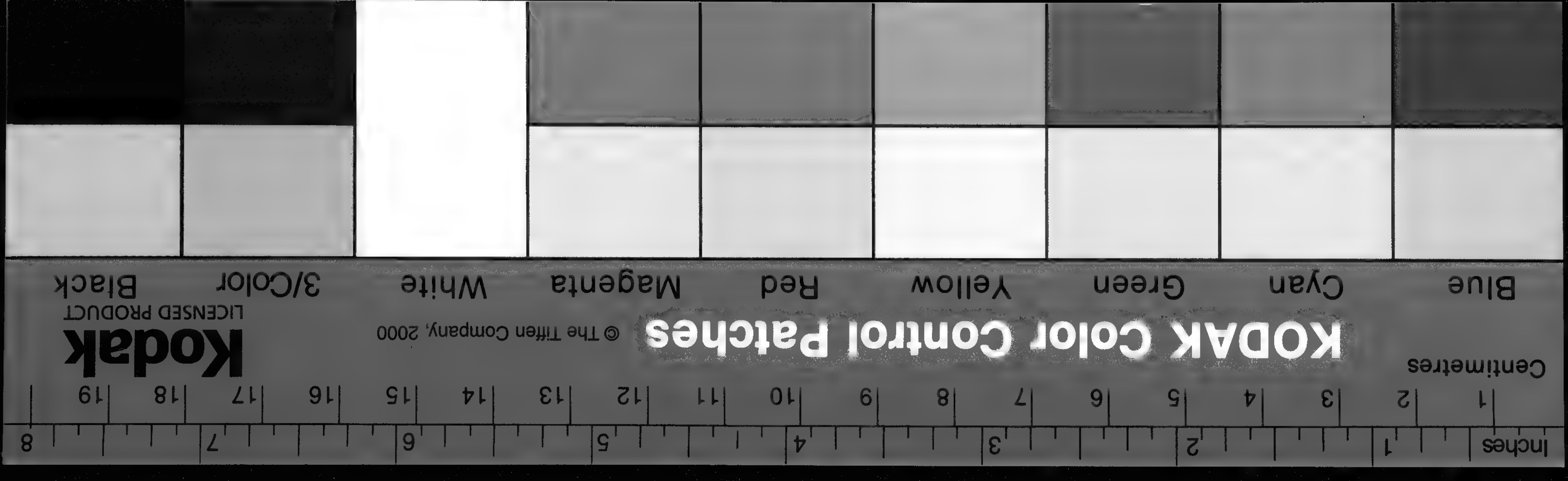
1, 2♂ TIMOCHARES RUPTIFASCIATUS.
3♂ " TRIFASCIATUS.
4♂ EBRIETAS OSYRIS.
5, 6, 7♂ " ANACREON.
8, 9, 10♂ " ECLIPTICA.

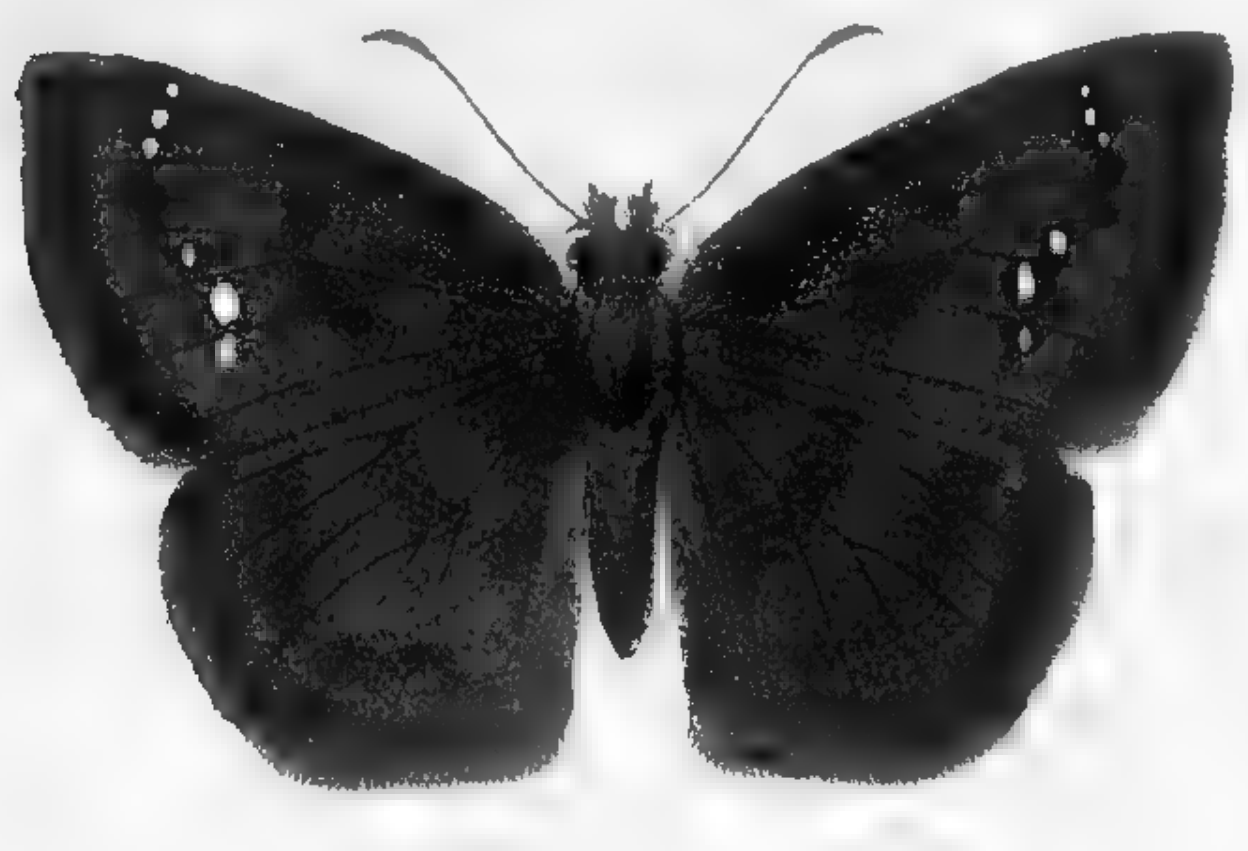
11, 12♂ EBRIETAS (?) IMPRESSA.
13, 14, 15♂ CAMPTOPLEURA THERAMENES.
16♂ " TISIAS.
17♂ DIPHORIDAS PHALÆNOIDES.

18, 19♂ DIPHORIDAS PALPALIS.
20, 21, 22♂ GORGYTHION PYRALINA.
23 " BEGGA.
24, 25, 26♂ ANISOCHORIA POLYSTICTA.
27, 28, 29♂ EROPUS ÆGIDES.

W. Purkiss lith.

Hanhart lith
665.

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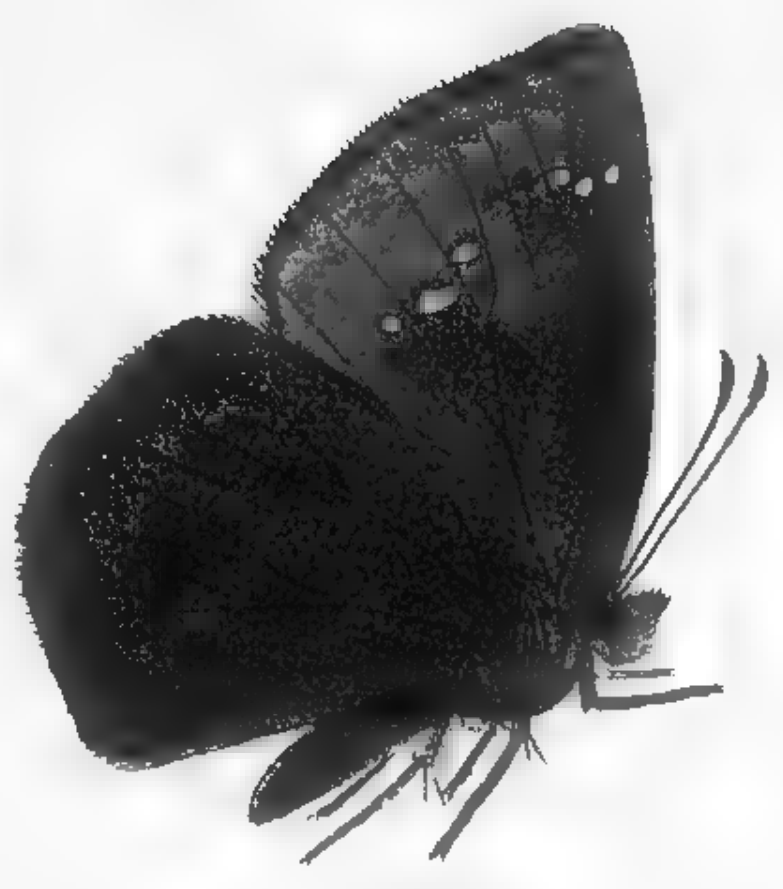
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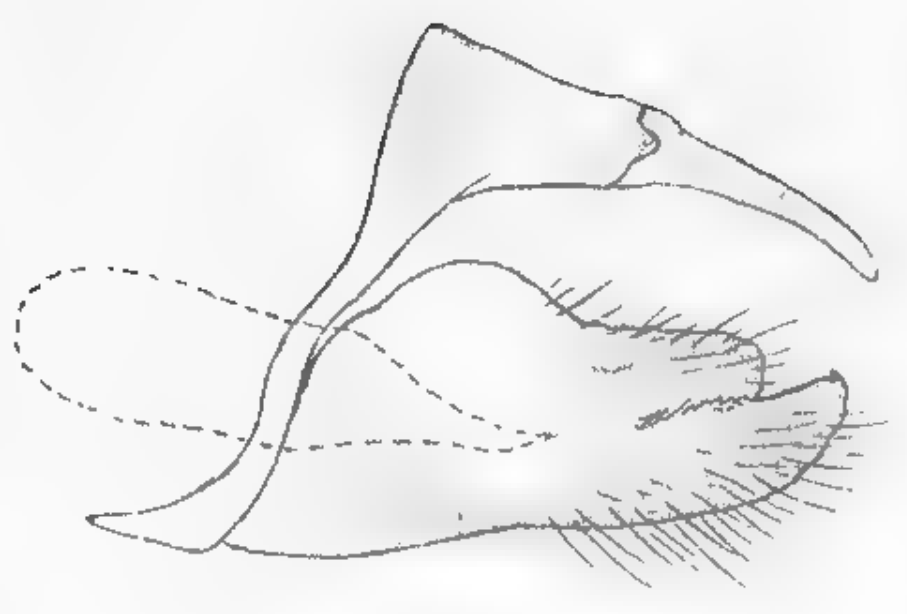
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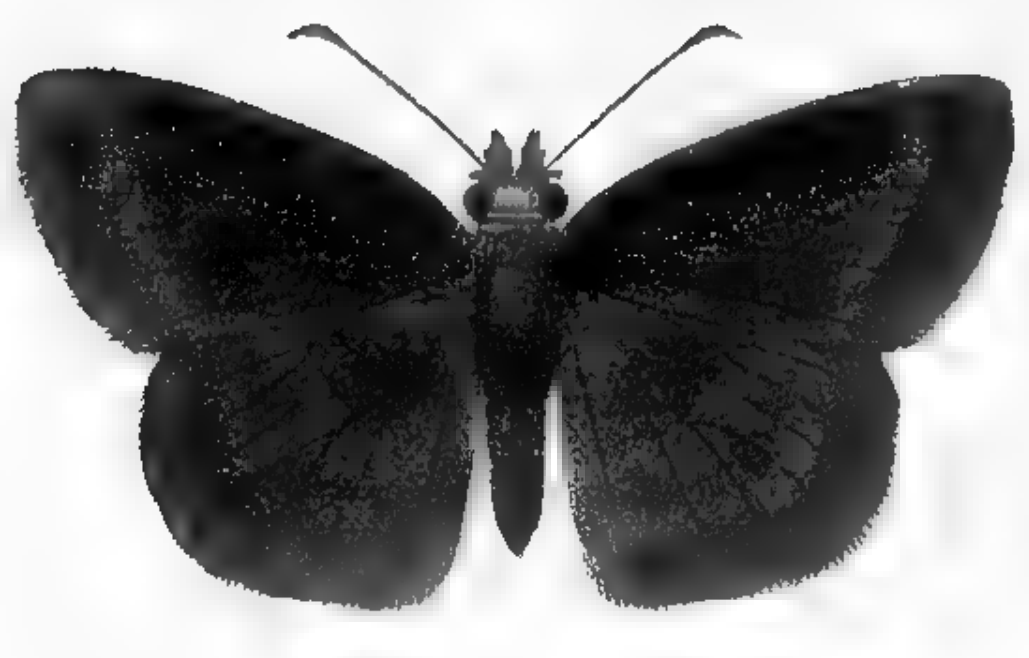
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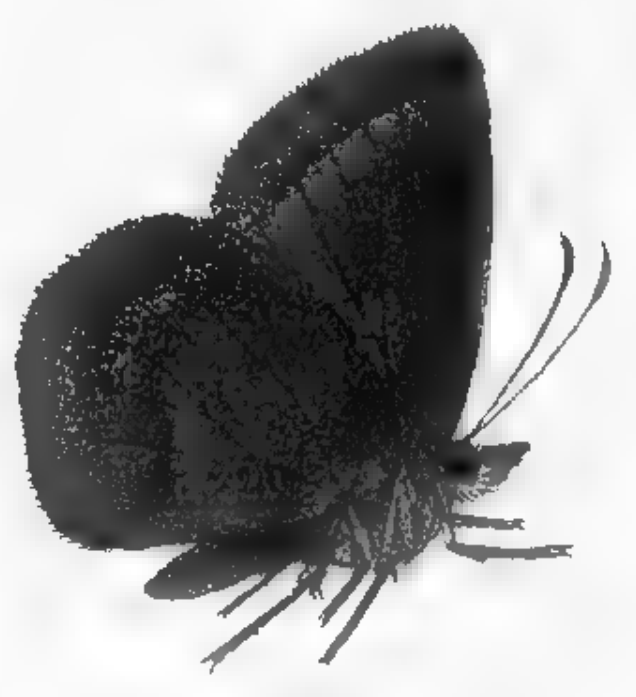
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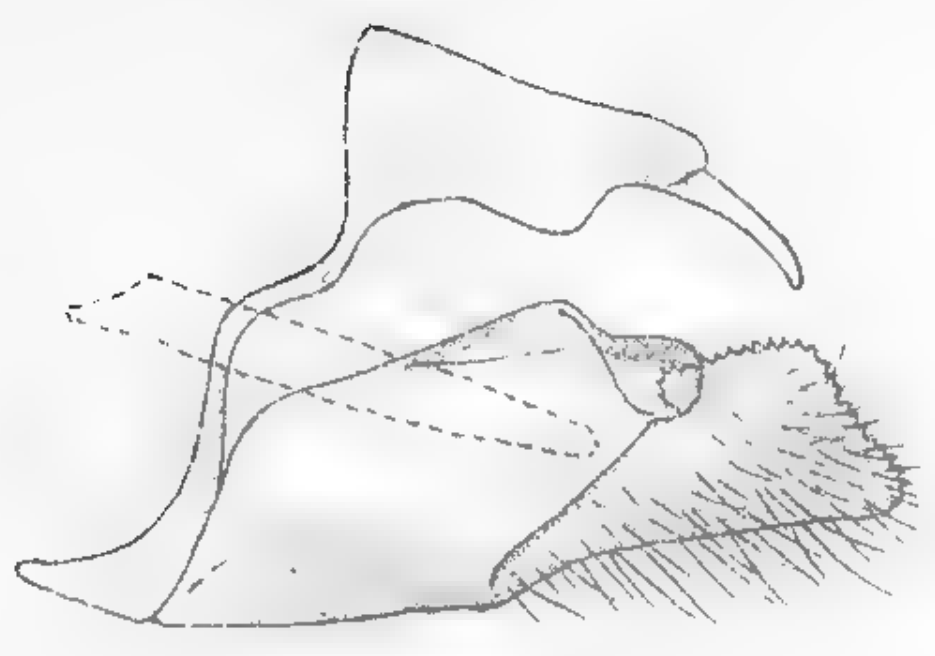
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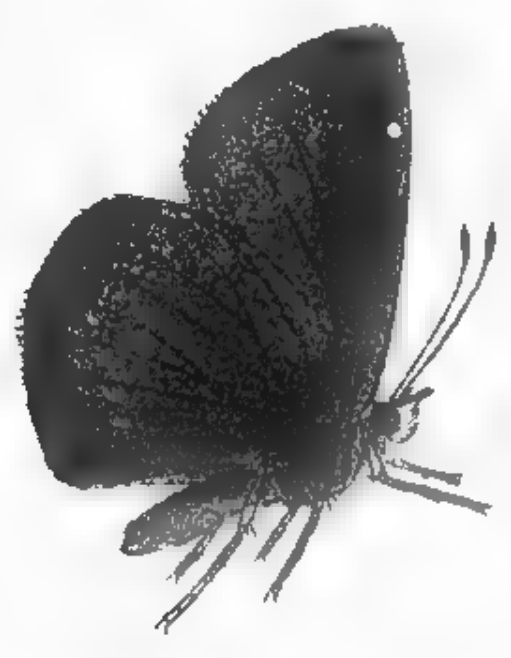
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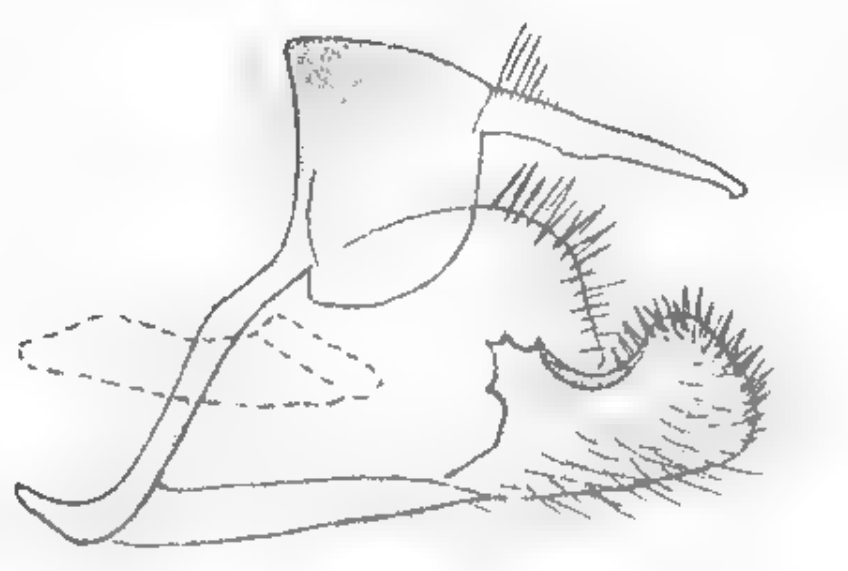
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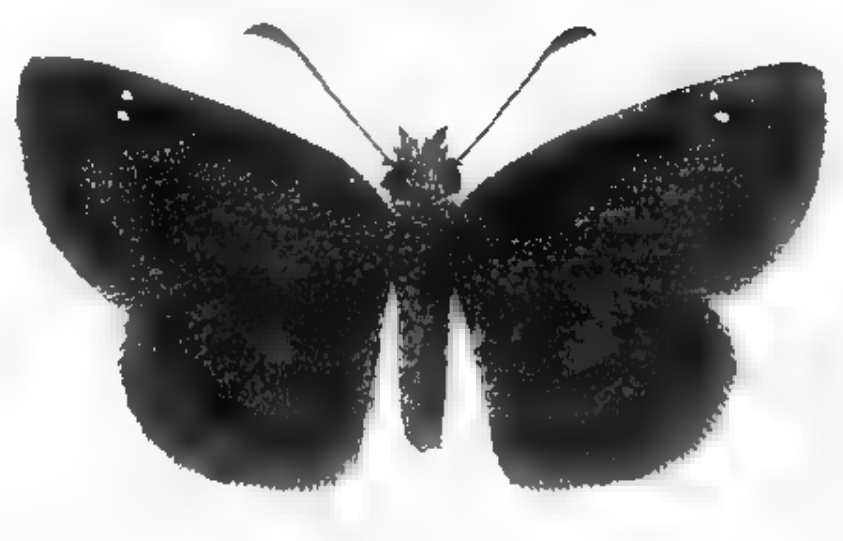
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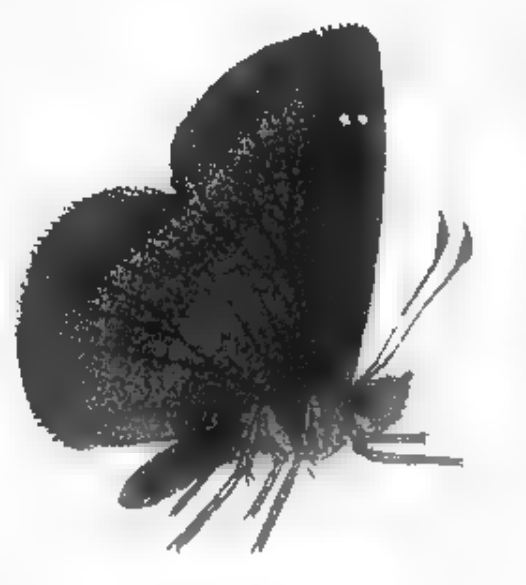
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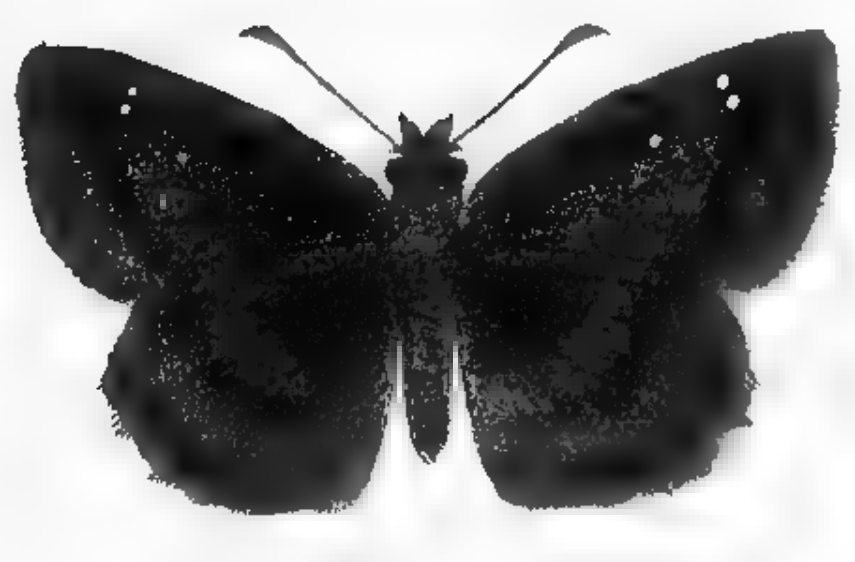
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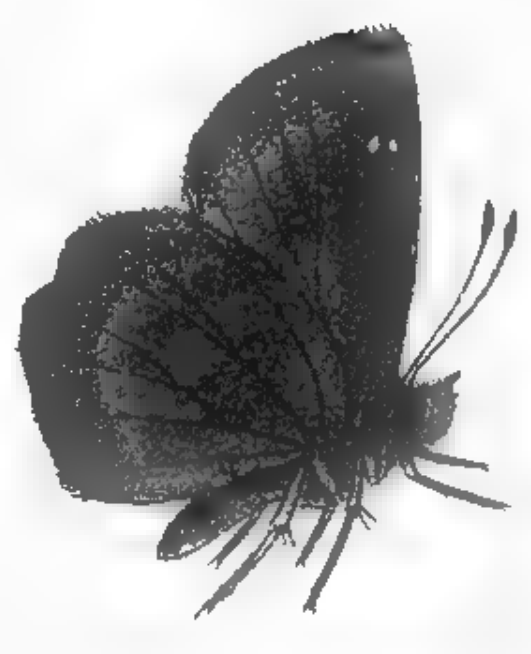
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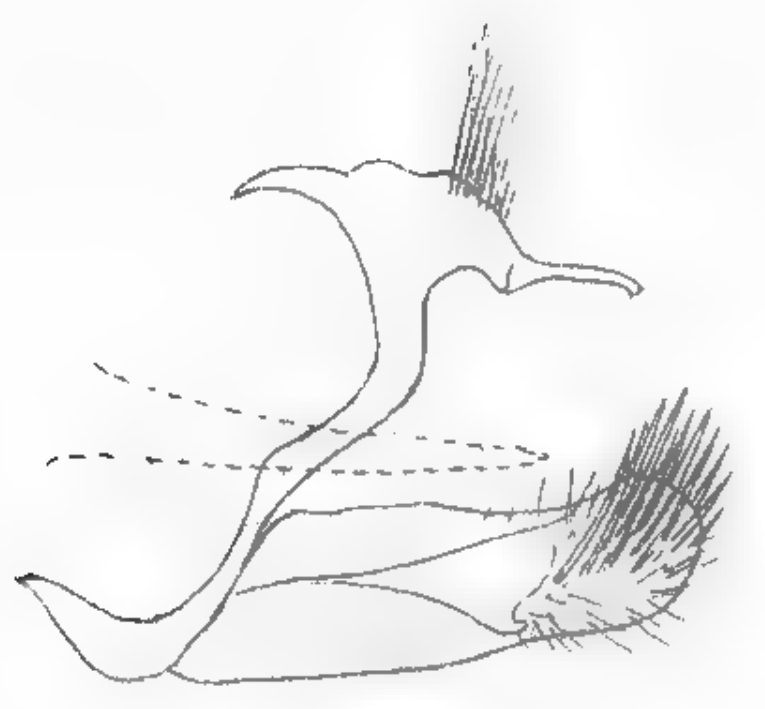
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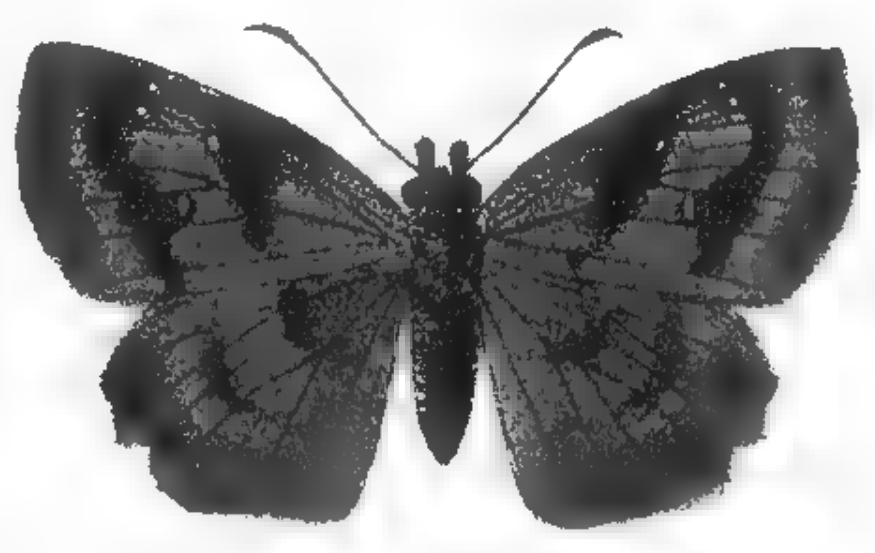
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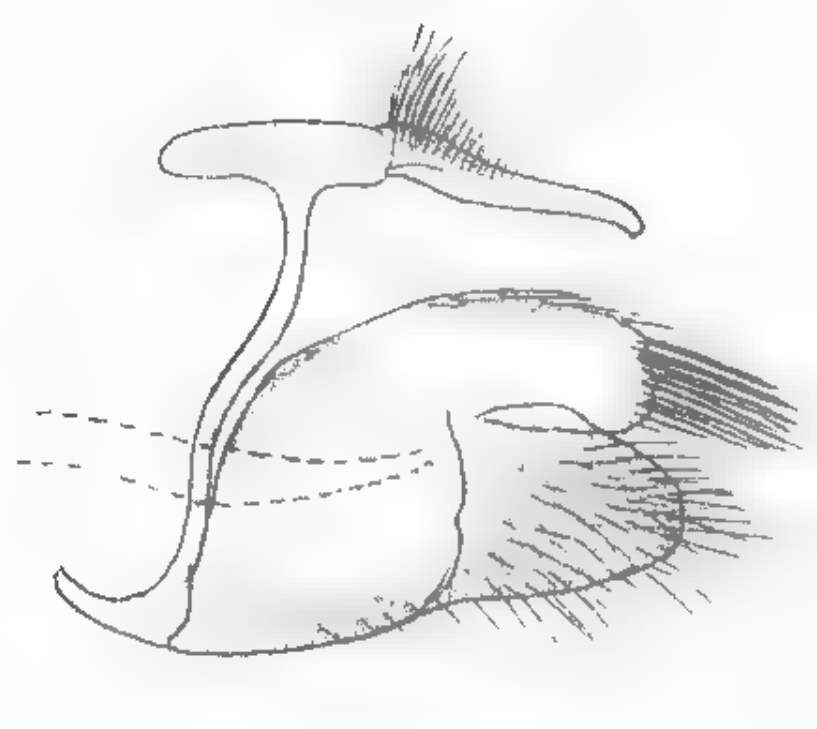
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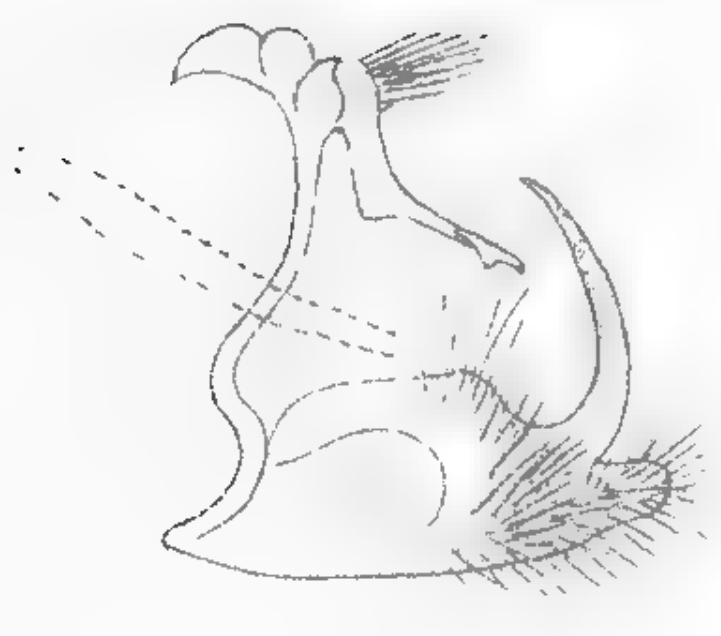
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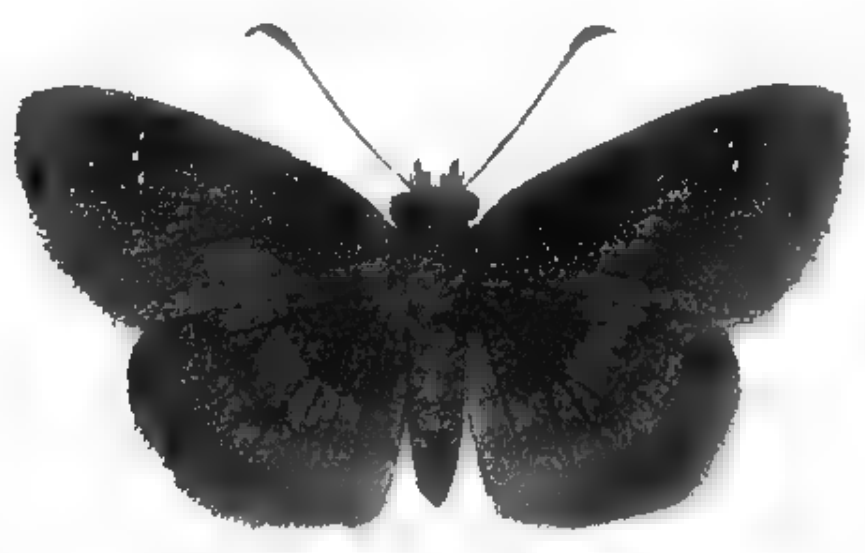
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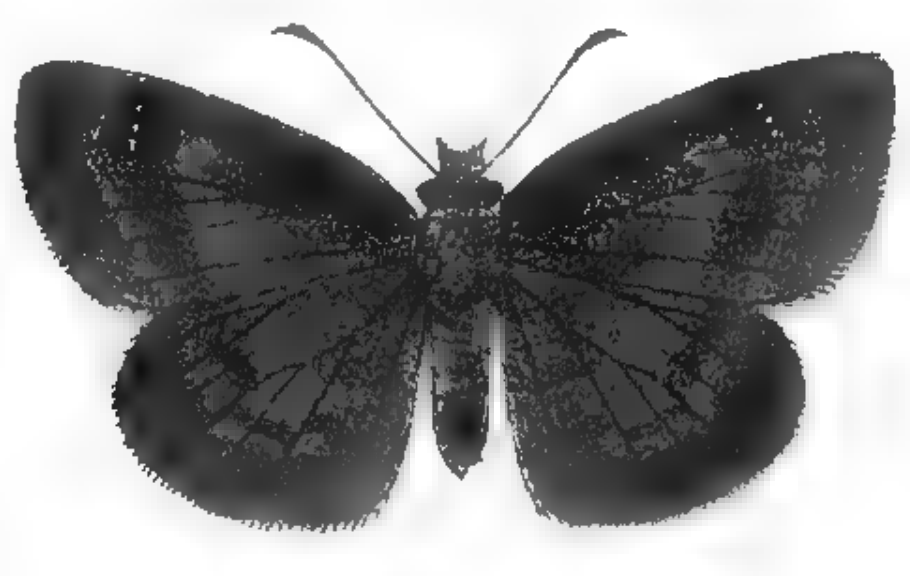
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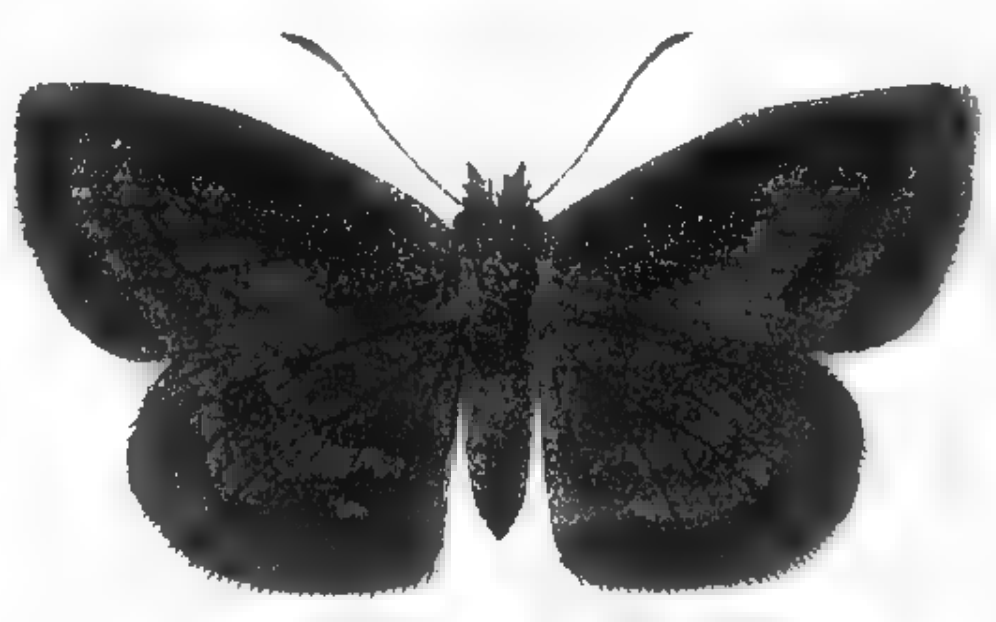
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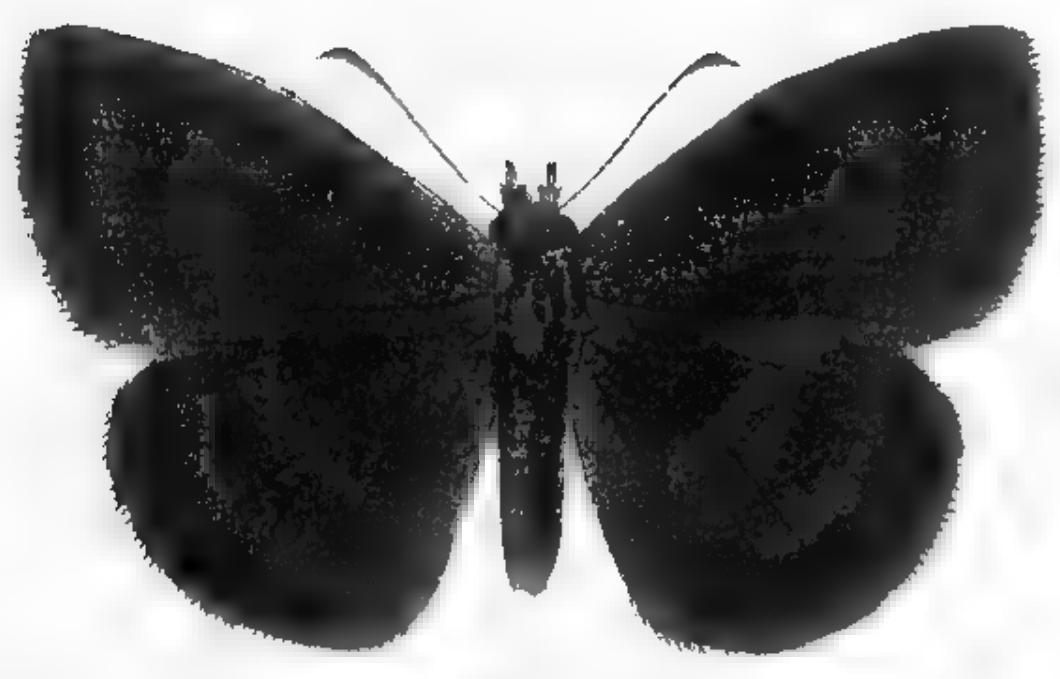
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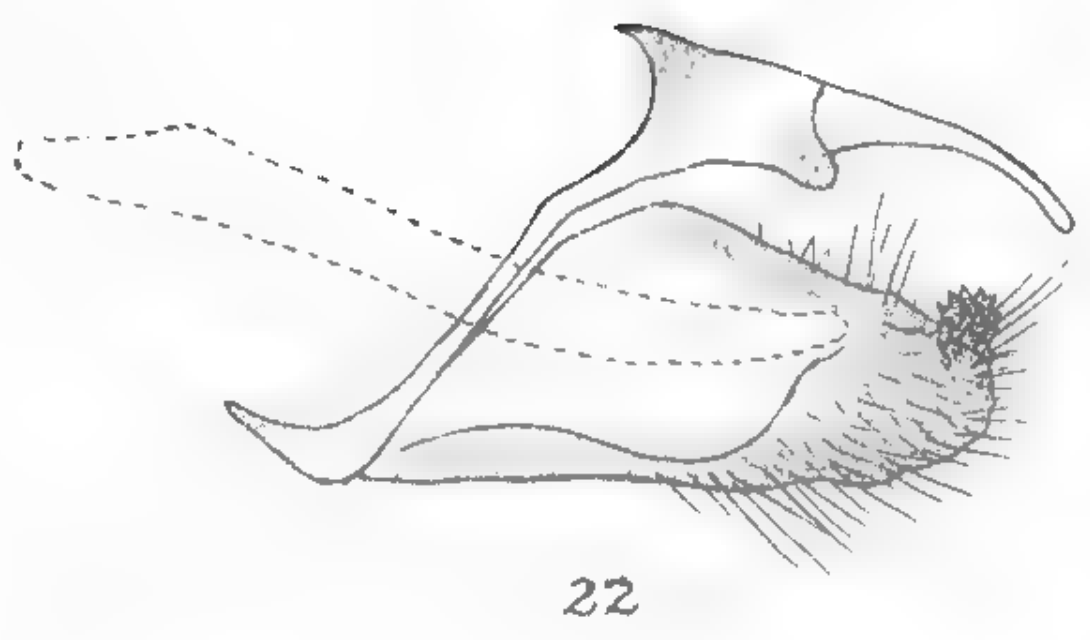
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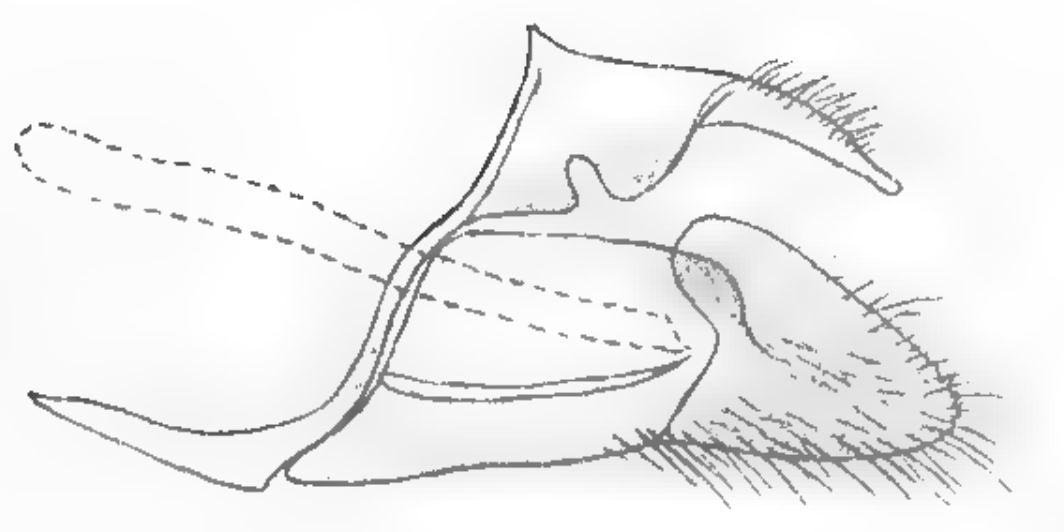
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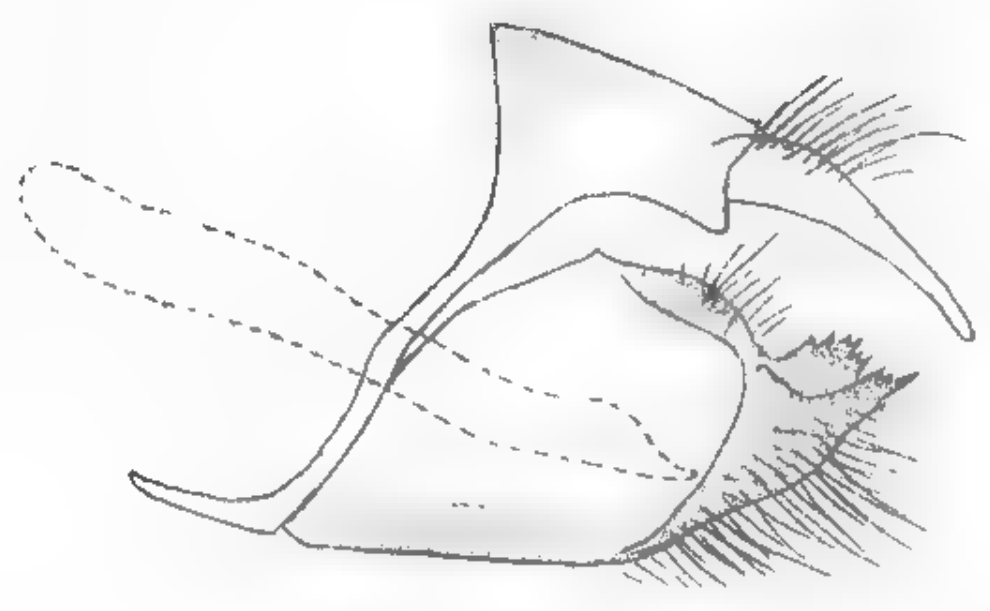
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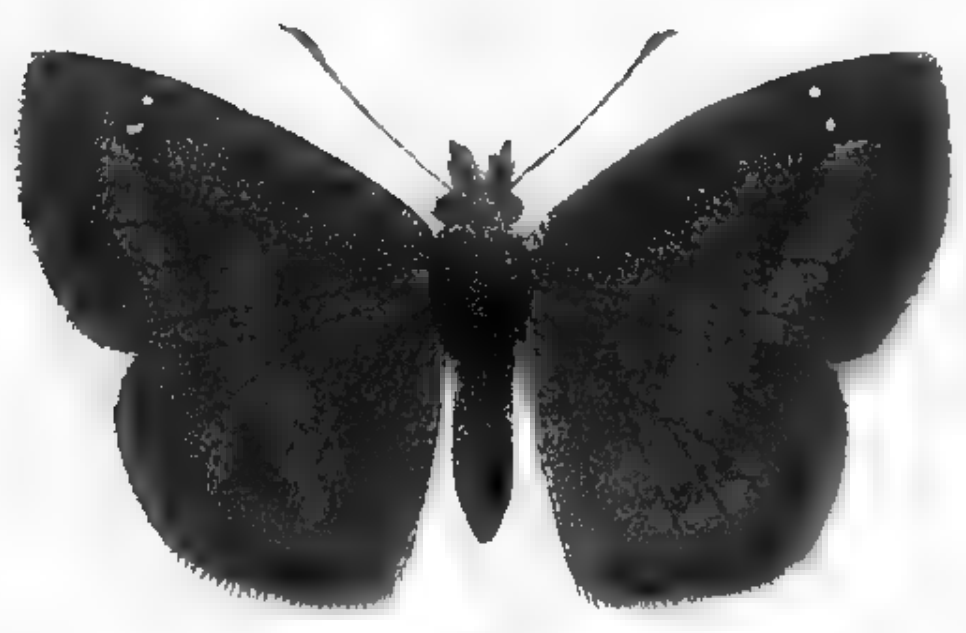
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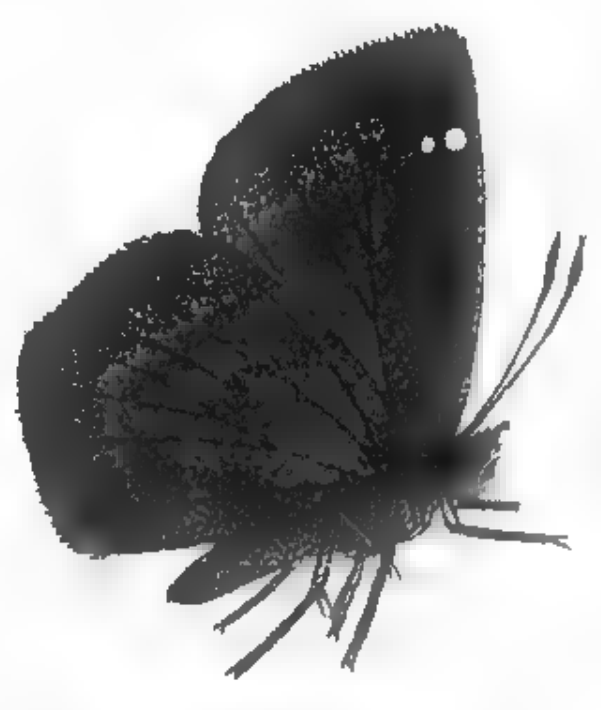
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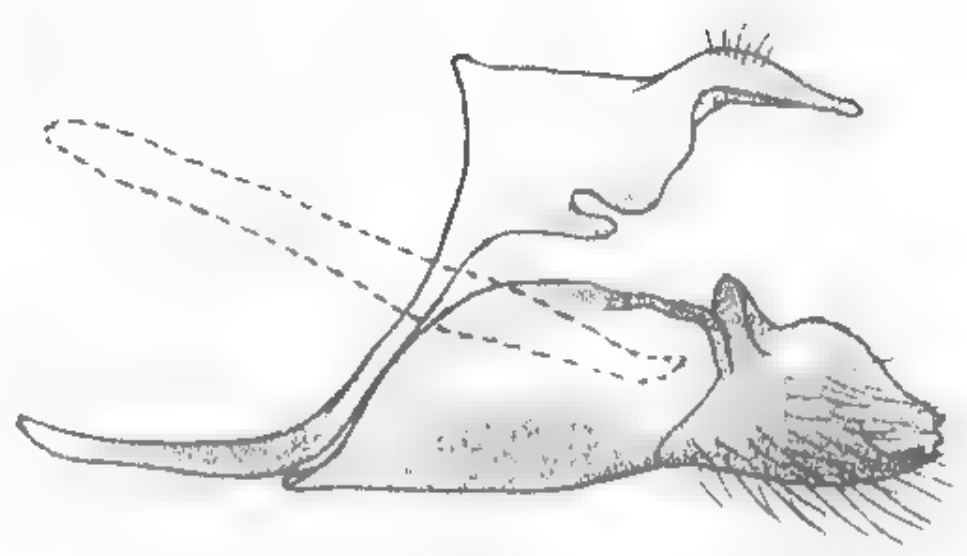
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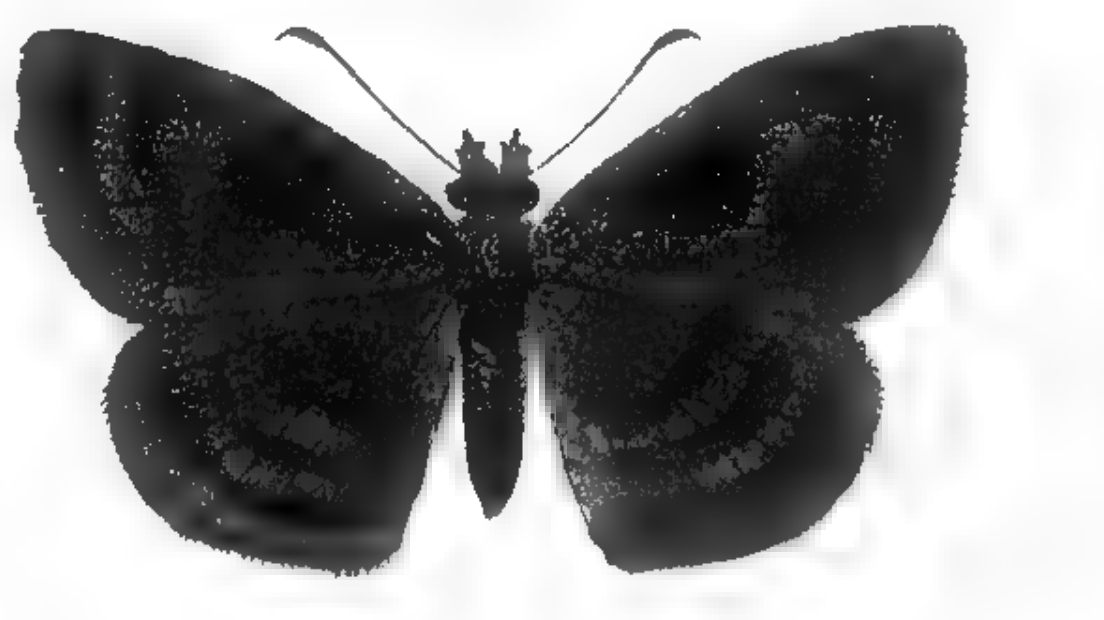
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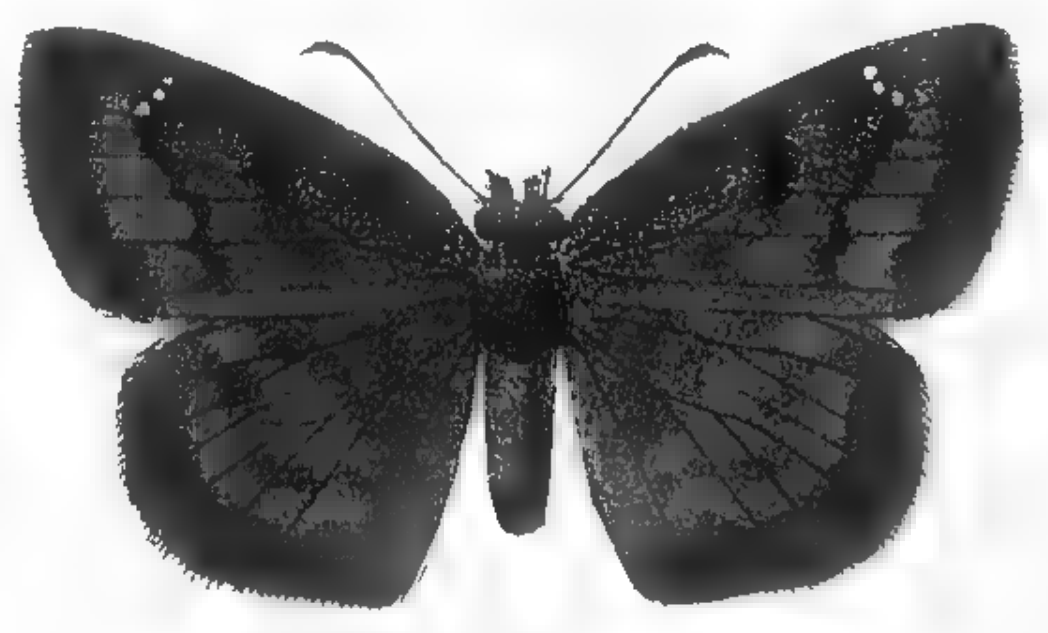
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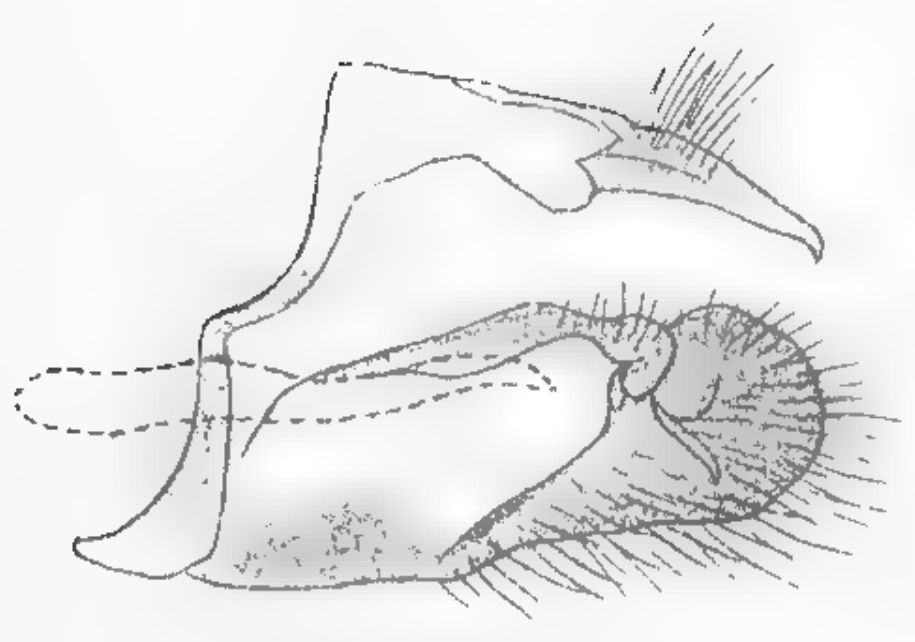
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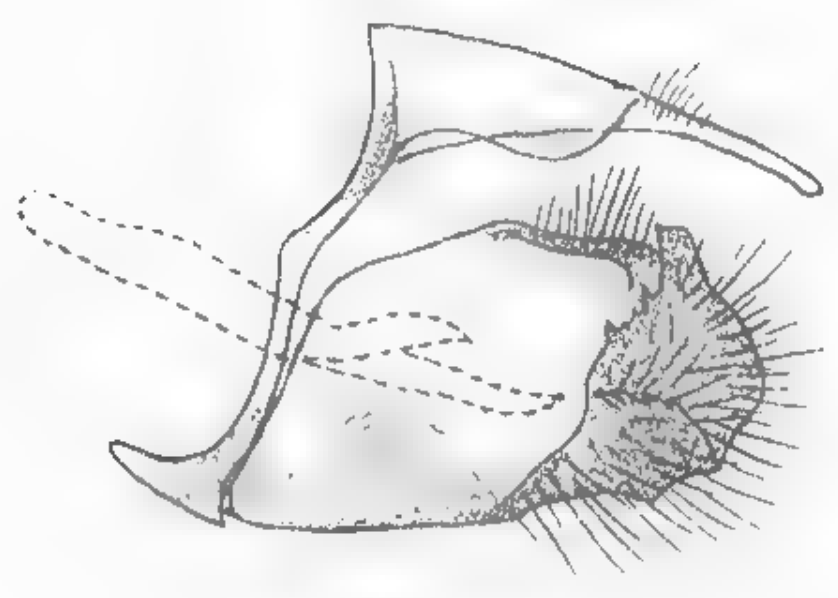
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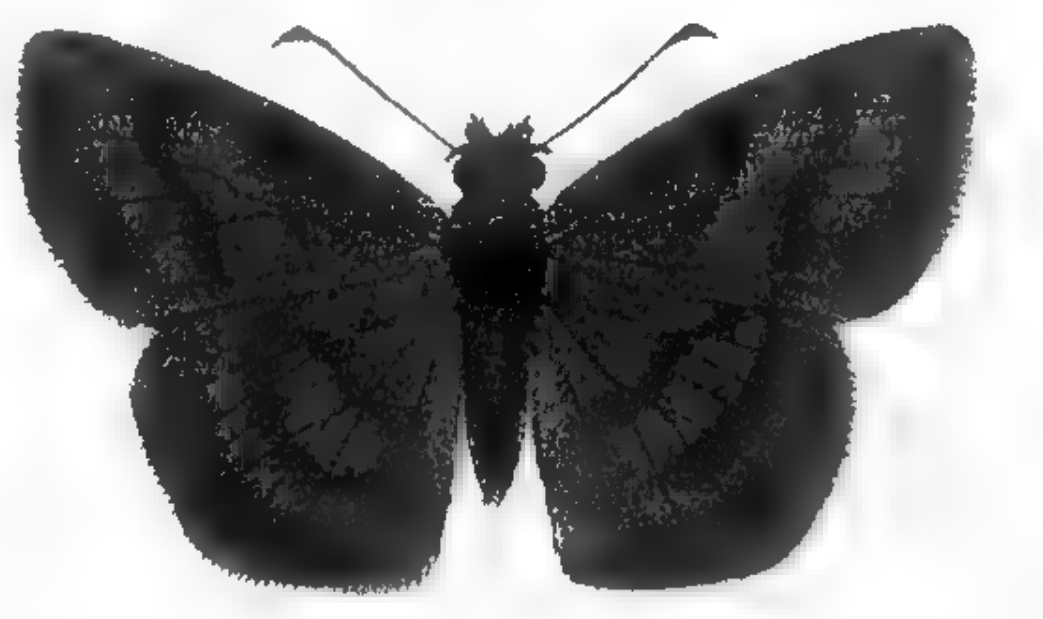
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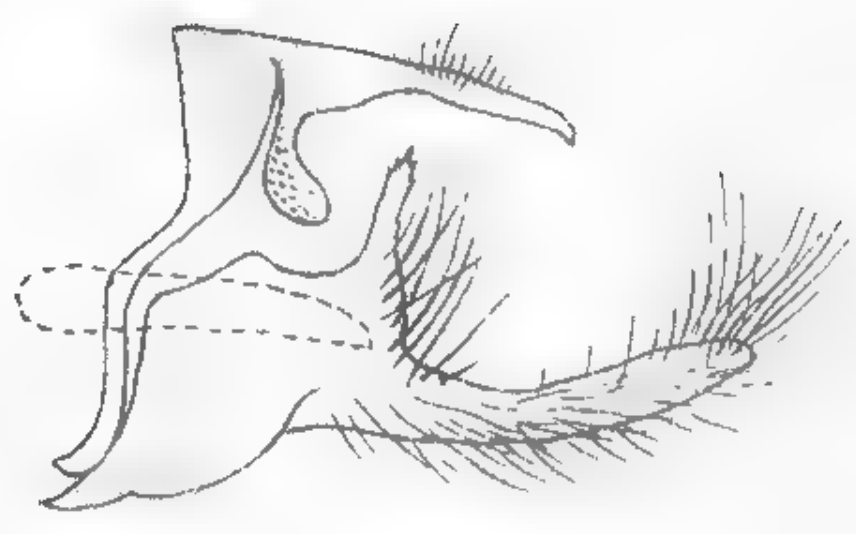
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4,5,6♂ " CUPREICEPS. 16♂ " HAYHURSTI. 24,25,26♂ " GISELUS.
7,8♂ " CEOS. 17♂,18♀ " AZTECUS. 27,28♂,29♀ " IMBRAS.
9,10,11♂ " AUROCAPILLA. 19,20♂ " EVIPPE. 30♂ " SALETAS.
12,13,14♂ " ASCALAPHUS. 21,22♂ " ORSINES. 31,32♂ " EVEMERUS.

W. Purkiss lith. Hanhart imp.
672.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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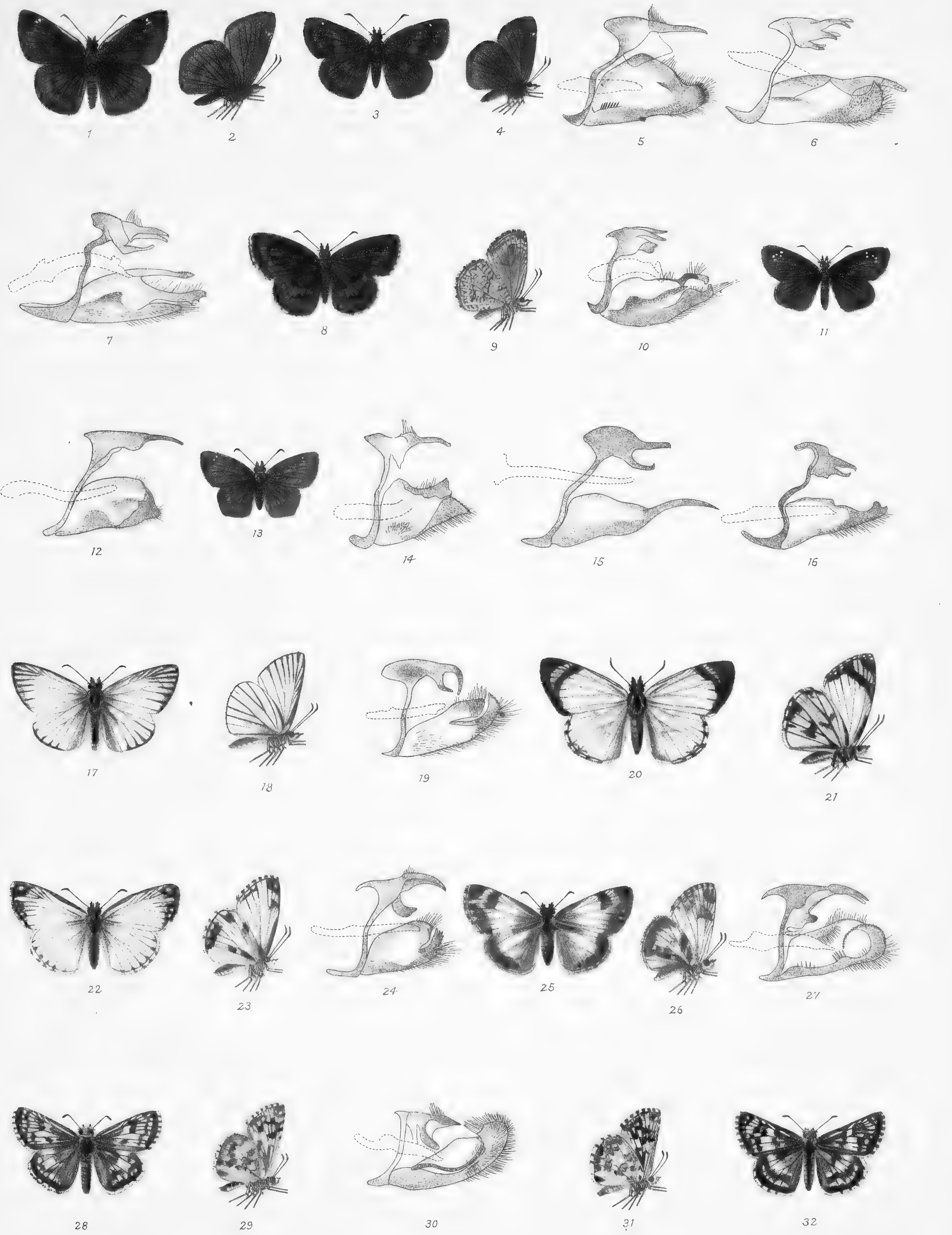
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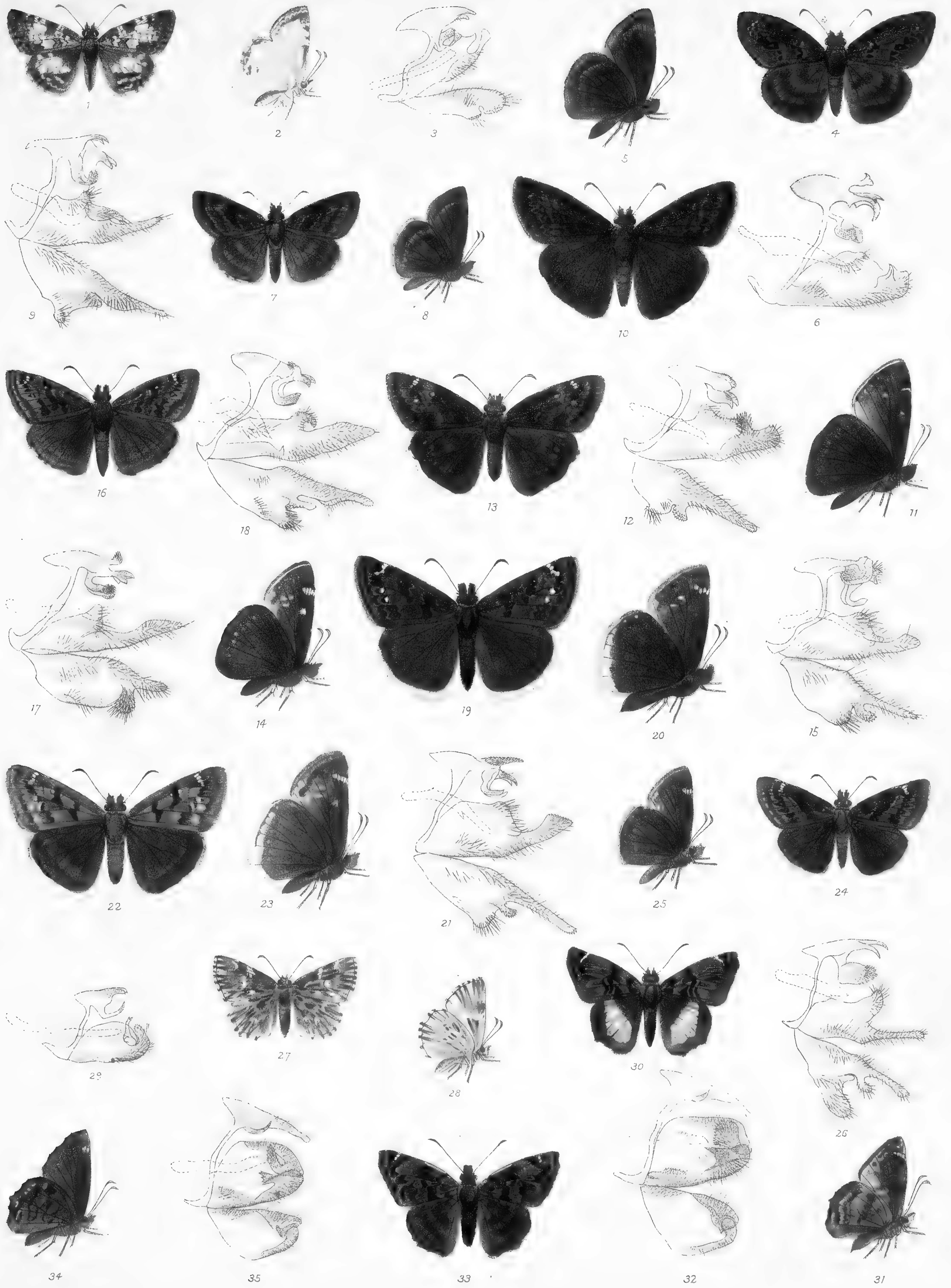
1, 2♂ STAPHYLUS UNIFASCIA.
3, 4, 5♂ SCANTILLA OPITES.
6♂ PARAMIMUS STIGMA.
7♂ TIMOCHREON SATYRUS.
8, 9, 10♂ ZOPYRION SANDACE.

11, 12♂ PHOLISORA MEXICANA.
13, 14♂ » CLYTIUS.
15♂ » ALPHEUS.
16♂ ATARNES SALLÆI.
17, 18, 19♂ HELIOPETES ARSALTE.
20, 21♂ » ALANA.

22, 23, 24♂ HELIOPETES NIVELLA.
25, 26 » CNEMUS.
27♂ HESPERIA SYRICHTUS.
28, 29, 30♂ » MONTIVAGA.
31, 32♂ » NOTATA.

W. Purkiss lith.   Hanhart imp.
695.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Centimetres
Inches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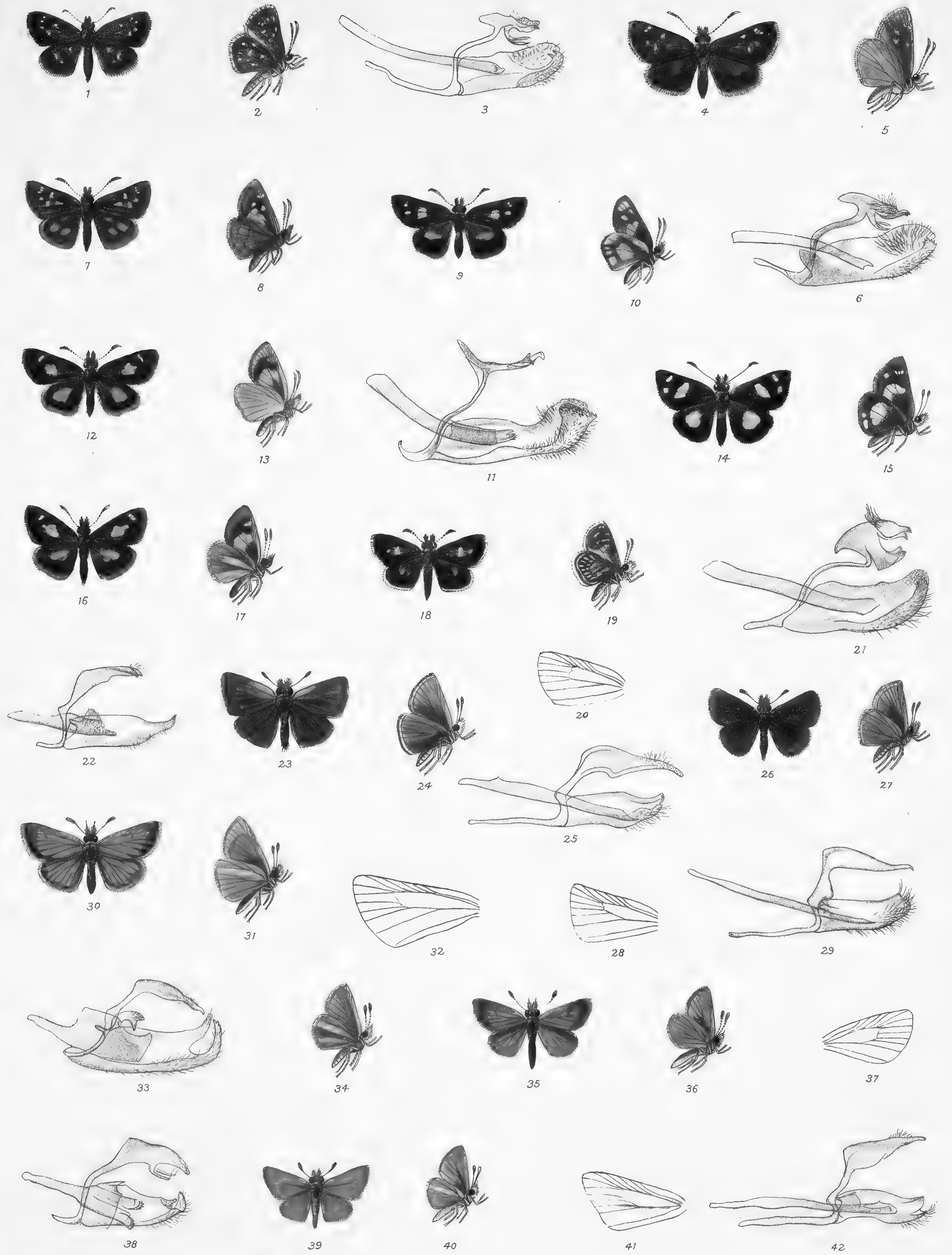
1,2,3♂ CHIOMARA ASYCHIS.
4,5,6♂ » MITHRAX.
7,8,9♂ » GESTA.
10,11,12♂ THANAOS FUNERALIS.
13,14♀ » »
15♂ THANAOS TRISTIS.
16,17♂ » PACUVIUS.
18♂ » MÆSTUS.
19,20,21♂ » ALBOMARGINATUS.
22,23♀ » »
24,25,26♂ THANAOS ÁFRANIUS.
27,28♀ CELOTES NESSUS.
29♂ » »
30,31,32♂ THEAGENES LACTIFERA.
33,34,35♂ » STATOR.

W. Purkiss lith　　　Hanhart imp
712.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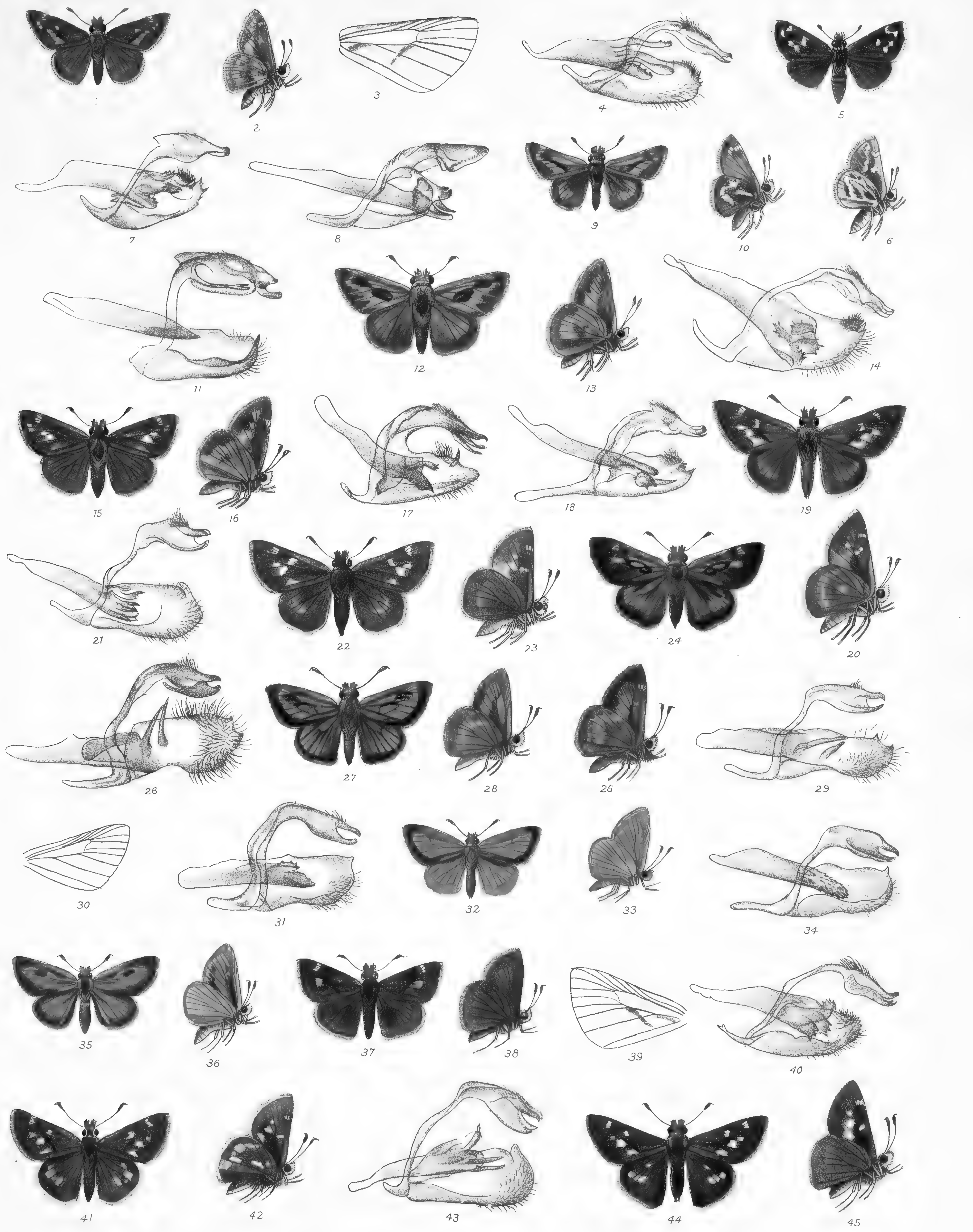
1, 2♀, 3♂ BUTLERIA MICROSTICTA.
4, 5, 6♂ " LEUCOSPILA.
7, 8 ♂ " PULCHRA.
9, 10, 11♂ " ERYONAS.
12, 13 ♂ " LALAGE.

14, 15♂ BUTLERIA OCTOMACULATA.
16, 17♂ " FAULA.
18-21♂ PAMPHILA DARDARIS.
22♂ APAUSTUS MENES.
23, 24, 25♂ PARADOPÆA GARITA.

26-29♂ PARADOPÆA CALEGA.
30-33♂ ADOPÆOIDES SIMPLEX.
34♀ " BISTRIATA.
35-38♂ ANCYLOXYPHA MYRTIS.
39-42♂ COPÆODES AURANTIACA.

W. Purkiss lith.
Hanhart imp.
716.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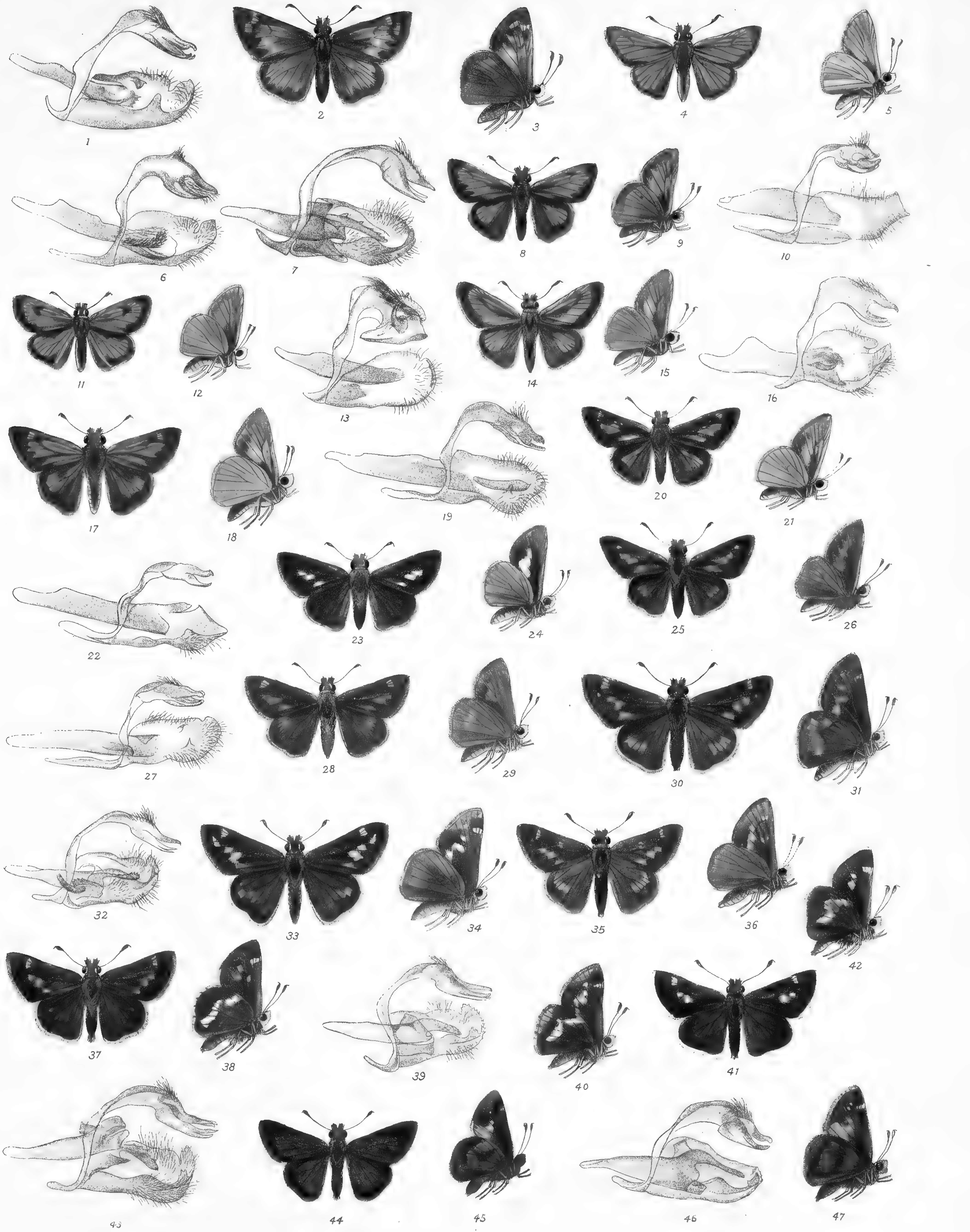
1,2,3,4♂ CHÆREPHON CITRUS.
5,6♀,7♂ " RHESUS.
8♂ HYLEPHILA PHYLÆUS.
9,10♂ ERYNNIS MORRISONI.
11♂ ATALOPEDES CAMPESTRIS.
12,13,14♂ THYMELICUS VIBEX.

15,16♀ THYMELICUS VIBEX.
17♂ " ATHENION.
18♂ CATIA DRURYI.
19,20,21♂ OCHLODES SNOWI.
22,23♀ " "
24,25,26♂ AUGIADES HERAS.
27,28,29♂ " HECALE.

30,31♂ ZARIASPES MYS.
32,33,34♂ " MYTHECUS.
35,36♀ " "
37,38,39,40♂ POANOPSIS PUXILLIUS.
41,42,43♂ PARATRYTONE RHEXENOR.
44,45♂ " POLYCLEA.

W. Purkiss lith.

Hanhart imp
717.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1♂ PHYCANASSA VIATOR.
2, 3♀ " PSAUMIS.
4, 5, 6♂ ATRYTONE DELAWARE.
7♂ " ZABULON.
8, 9, 10♂ " ROLLA.
11, 12, 13♂ " VITELLIUS.
14, 15, 16♂ " MELLA.

17, 18, 19♂ ATRYTONE MELLONA.
20, 21, 22♂ " MYRON.
23, 24♀ " "
25, 26, 27♂ " HELVA.
28, 29♀ " "
30, 31, 32♂ " MELANE.

33, 34♀ ATRYTONE MELANE.
35, 36♂ " GALA.
37, 38, 39♂ " MONTICOLA.
40♀ " "
41, 42, 43♂ " NIVEOLIMBUS.
44, 45, 46♂ " INIMICA.
47♀ " "

W. Purkiss lith.

Hanhart imp.
718.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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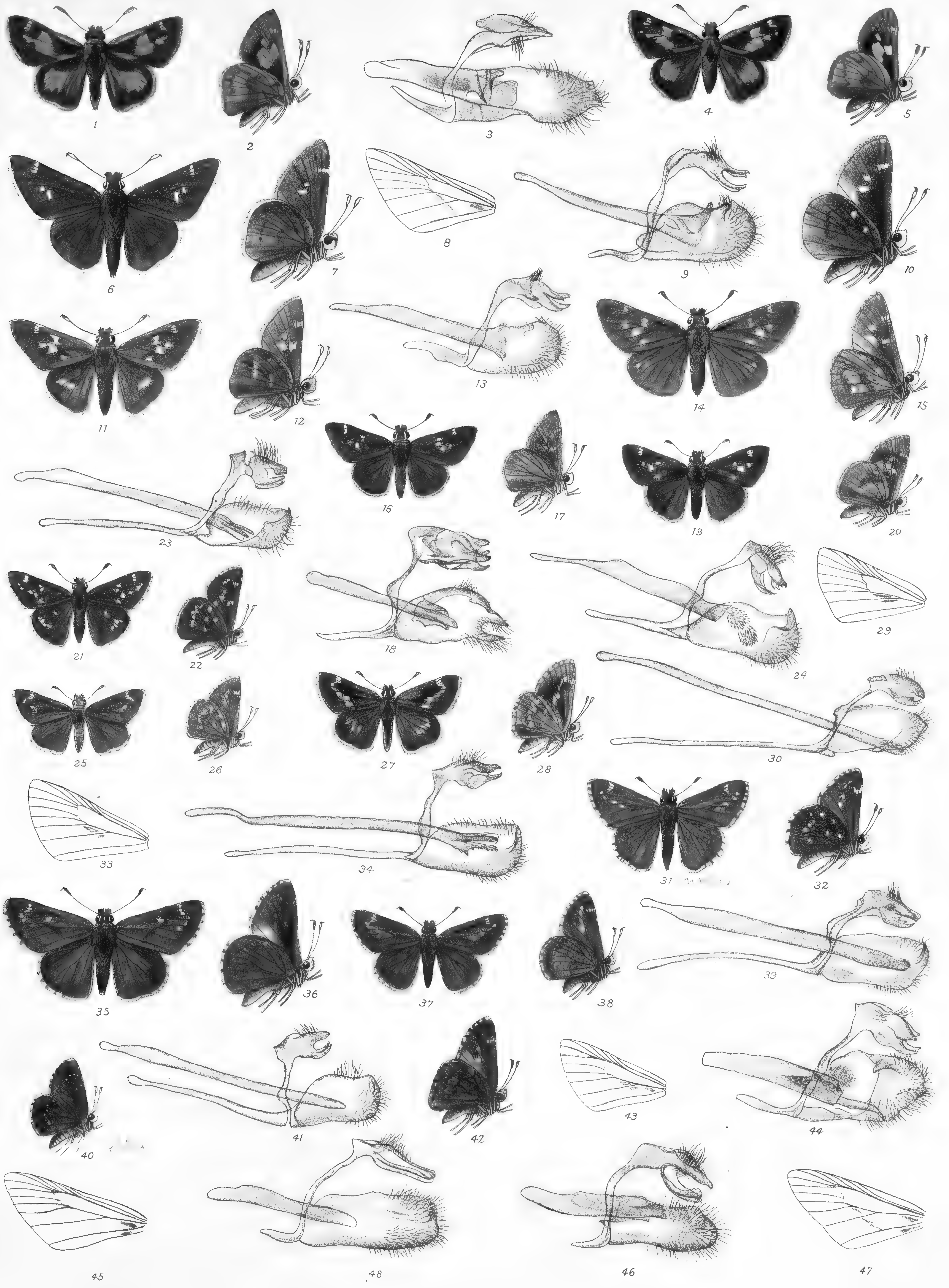
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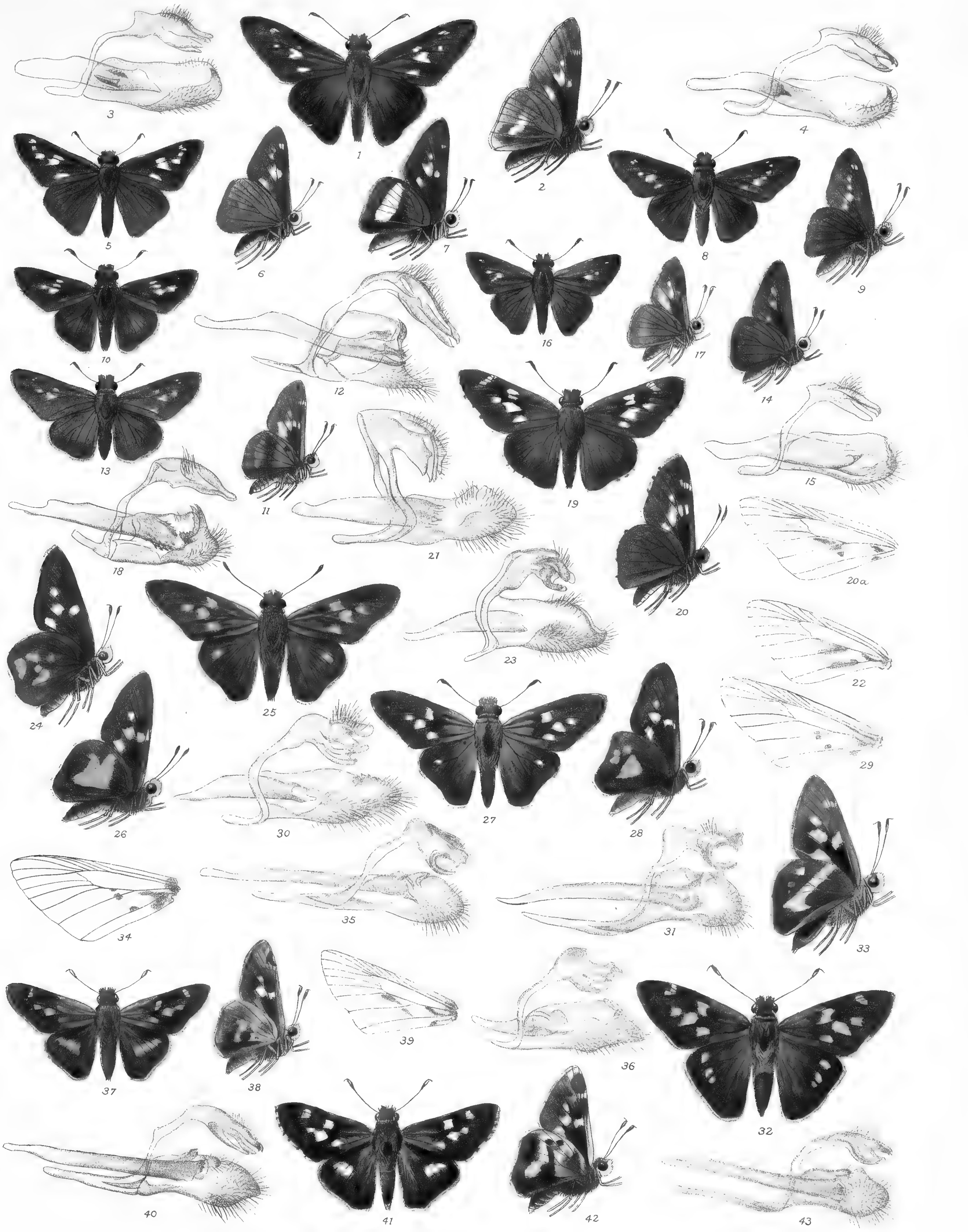
1, 2, 3♂ BUZYGES IDOTHEA.
4, 5♀. " "
6-9♂ ATRYTONOPSIS DEVA.
10♀ " "
11, 12, 13♂ " PITTACUS.
14, 15♀ " PYTHON.
16, 17, 18♂ LERODEA EUFALA.

19, 20♂ LERODEA DYSAULES.
21, 22, 23♂ STOMYLES TOLTECA.
24♂ " FLORUS.
25, 26♀ " COMUS.
27-30♂ " NEREUS.
31-34♂ AMBLYSCIRTES NANNO.

35, 36♂ AMBLYSCIRTES FOLIA.
37, 38, 39♂ " FLUONIA.
40♀ " ELISSA.
41♂ " "
42, 43, 44♂ HALOTUS SAXULA.
45, 46♂ CALPODES ETHLIUS.
47, 48♂ PRENES EVADNES.

W. Purkiss lith.
Hanhart imp.
719.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT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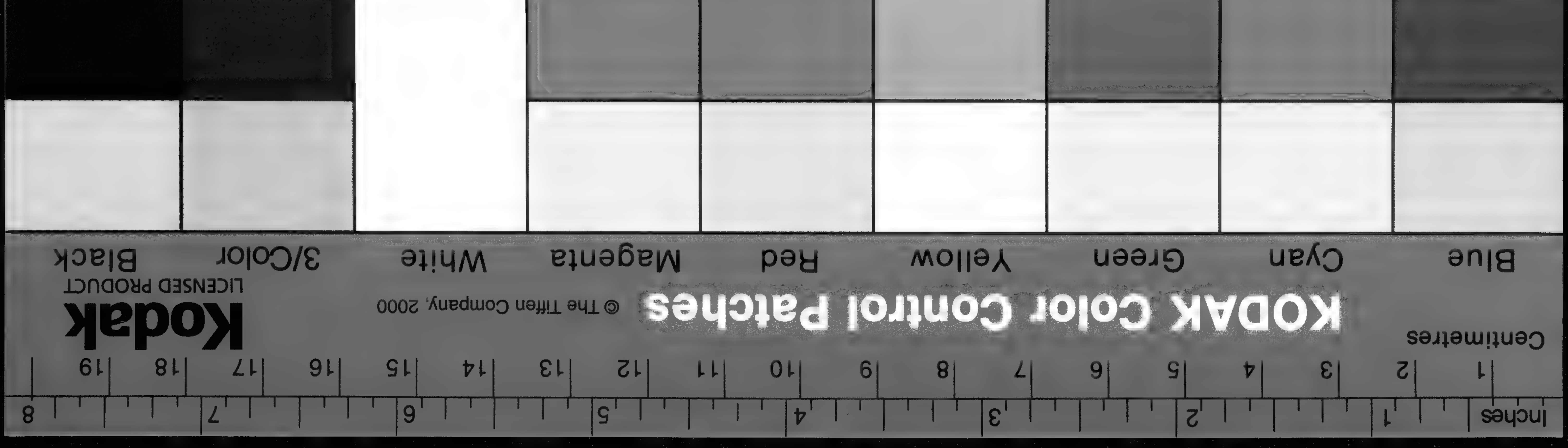
1, 2, 3♂ PRENES PAUPER.
4♂, 5, 6♀ " NERO.
7♂ " NERO. v. CORRUPTA.
8, 9♂ " PHILIPPINA.
10, 11, 12♂ " ARES.
13, 14, 15♂ " OCOLA.

16, 17, 18♂ PRENES VALA.
19, 20, 21♂ CYDRUS NÆVOLUS.
22, 23♂ AIDES EPITUS.
24♀ " DYSONI.
25, 26♂ " ELARA.

27-30♂ PARAIDES OCRINUS
31♂ XENIADES ORCHAMUS
32-35♂ " PTERAS
36♂ TELLES ARCALAUS
37-40♂ THESPIEUS DALMANI.
41, 42, 43♂ " MACAREUS.

W. Purkiss lith.

Hanhart imp
720.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KODAK Color Control Patches
© The Tiffen Company, 2000
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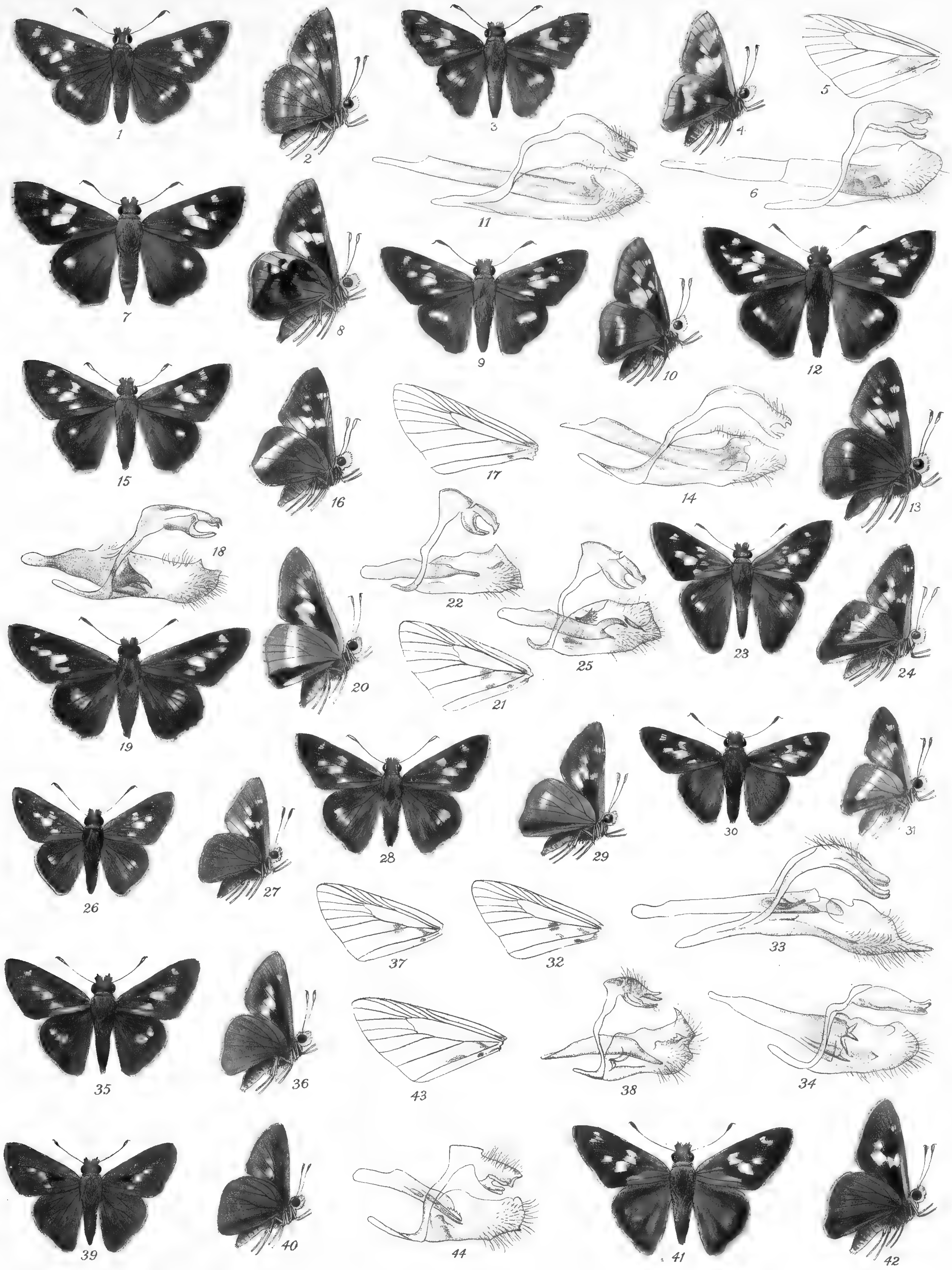
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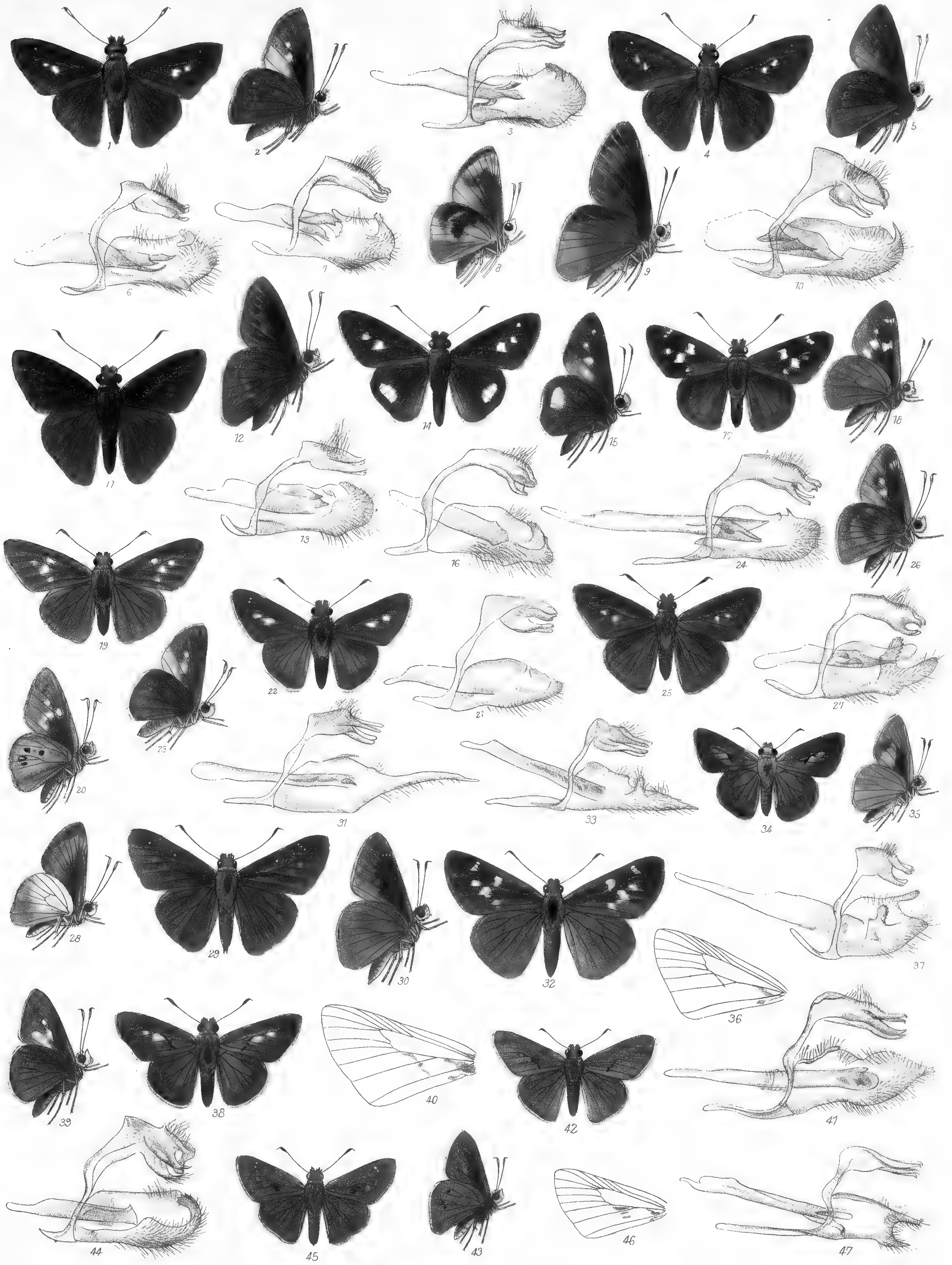
1, 2 ♂ THESPIEUS OVINIA.
3-6 ♂ VACERRA LITANA.
7, 8 ♀ „ „
9, 10, 11 ♂ „ EGLA.
12, 13 ♀ „ LACHARES.
14 ♂, 15, 16 ♀ „ CANENTE.

17, 18 ♂ TIRYNTHIA CONFLUA.
19, 20 ♀ „ „
21, 22 ♂ NICONIADES XANTHAPHES.
23-25 ♂ „ CÆSO.
26, 27 ♂ „ MERENDA.

28, 29 ♀ NICONIADES VIRIDICEPS.
30-33 ♂ OXYNTHES CORUSCUS.
34 ♂ PHEMIADES PROPERTIUS.
35-38 ♂ THOON MODIUS.
39, 40 ♂ „ TAXES.
41-44 ♂ RHINTHON CHIRIQUENSIS.

W. Purkiss lith.
Hanhart imp.
721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1, 2, 3♂ RHINTHON CYNEA.
4, 5, 6♂ „ ALUS.
7♂, 8♀ „ MELIUS.
9, 10♂ „ EPAPHUS.
11, 12, 13♂ „ MEGALOPS.
14, 15, 16♂ COBALUS FIDICULA.
17, 18♂ COBALUS GABINA.
19, 20, 21♂ „ ARGUS.
22, 23, 24♂ „ PERCOSIUS.
25, 26, 27♂ „ CANNÆ.
28♂ „ WARRA.
29, 30, 31♂ COBALOPSIS EDDA.
32♀ COBALOPSIS EDDA.
33♂ „ DYSCRITUS.
34-37♂ ONOPHAS COLUMBARIA.
38-41♂ ŒONUS PYSTE.
42, 43, 44♂ MUCIA THYIA.
45, 46, 47♂ MORYS VALERIUS.

W Purkiss, Lith. Hanhart, imp.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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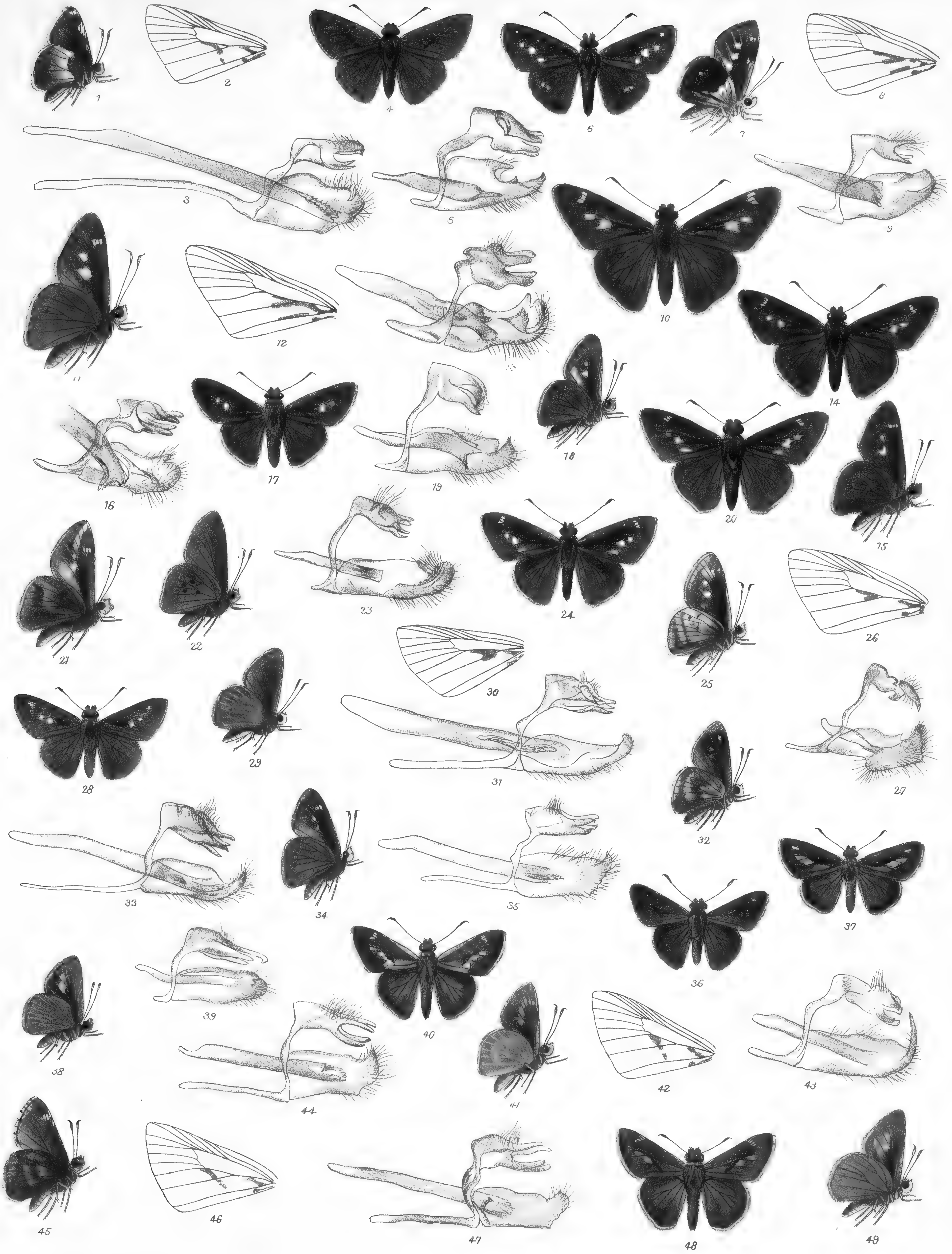
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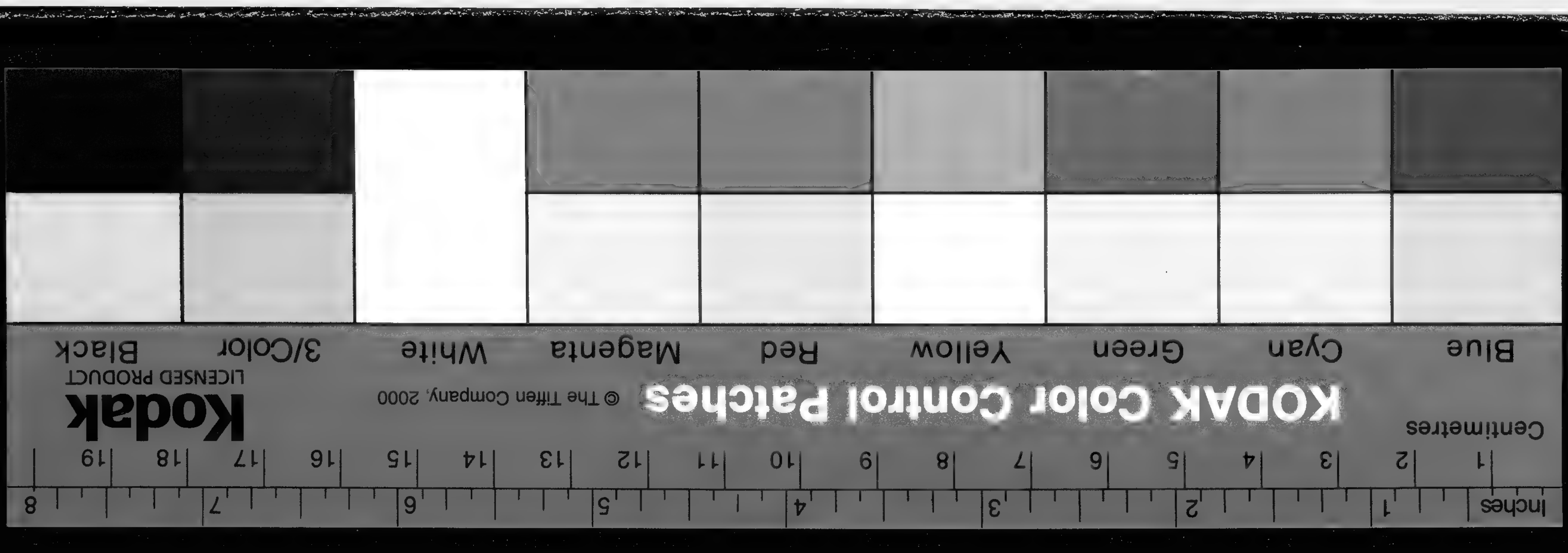
1, 2, 3♂ PERIMELES REMUS.
4, 5, ♂ TIGASIS ZALATES.
6 – 9♂ EUTYCHIDE CINGULICORNIS.
10 – 13♂ „ MIDIA.
14, 15, 16♂ „ OCHUS.
17, 18, 19♂ „ ORTHOS.

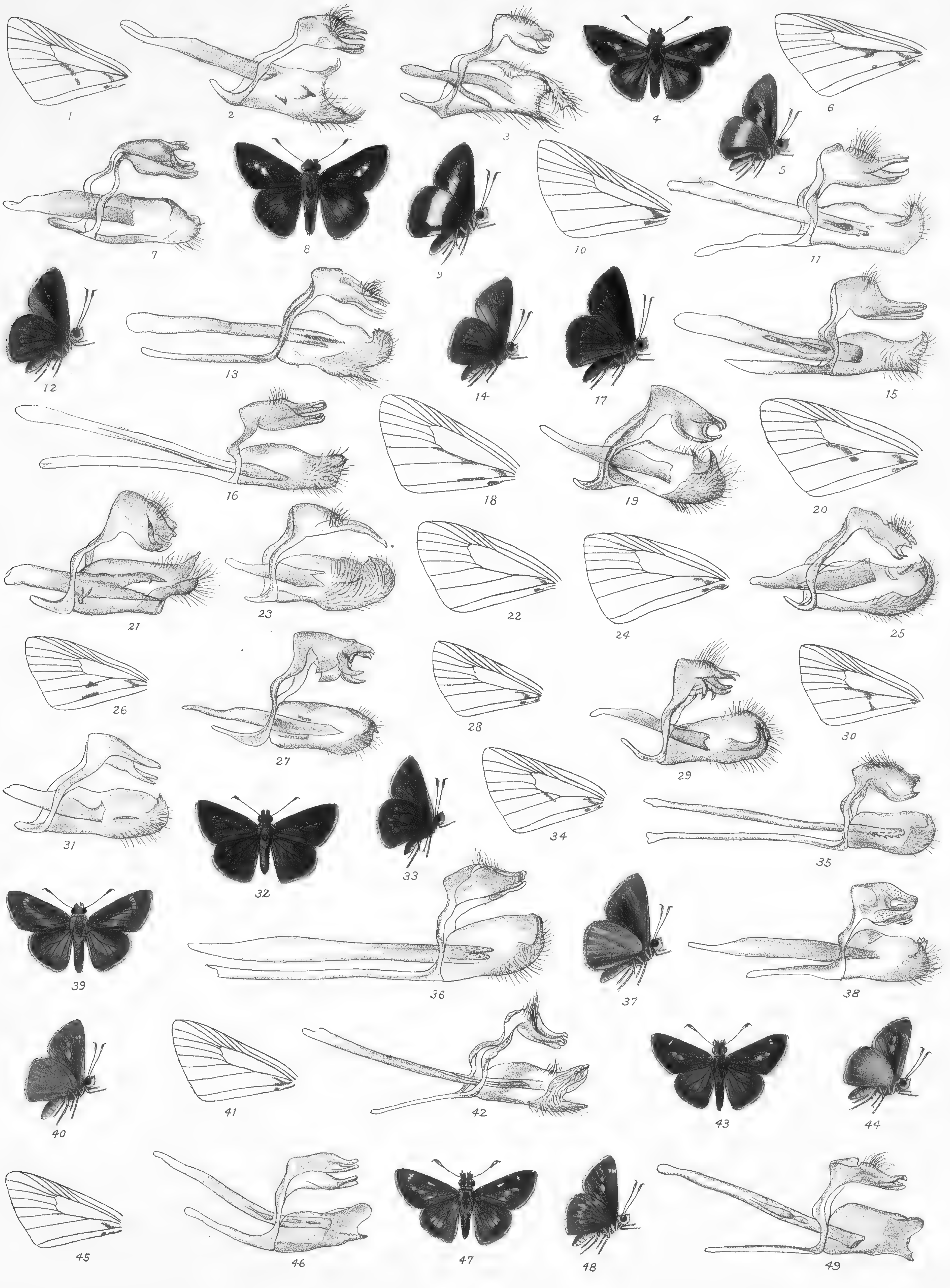
20, 21♂ EUTYCHIDE LYCORTAS.
22, 23♂ „ ASEMA.
24 – 27♂ PHANIS JUSTINIANUS.
28 – 31♂ EUROTO COMPTA.
32, 33♂ „ LYDE.
34, 35♂ „ MICYTHUS.

36♂ EUROTO CHLOROCEPHALA.
37, 38, 39♂ „ ŒAGRUS.
40 – 43♂ PHLEBODES TIBERIUS.
44♂ LEREMA ACCIUS.
45, 46, 47♂ „ BIPUNCTATA.
48, 49♂ „ PENEIA.

Purkiss lith.

Hanhart imp.
723.

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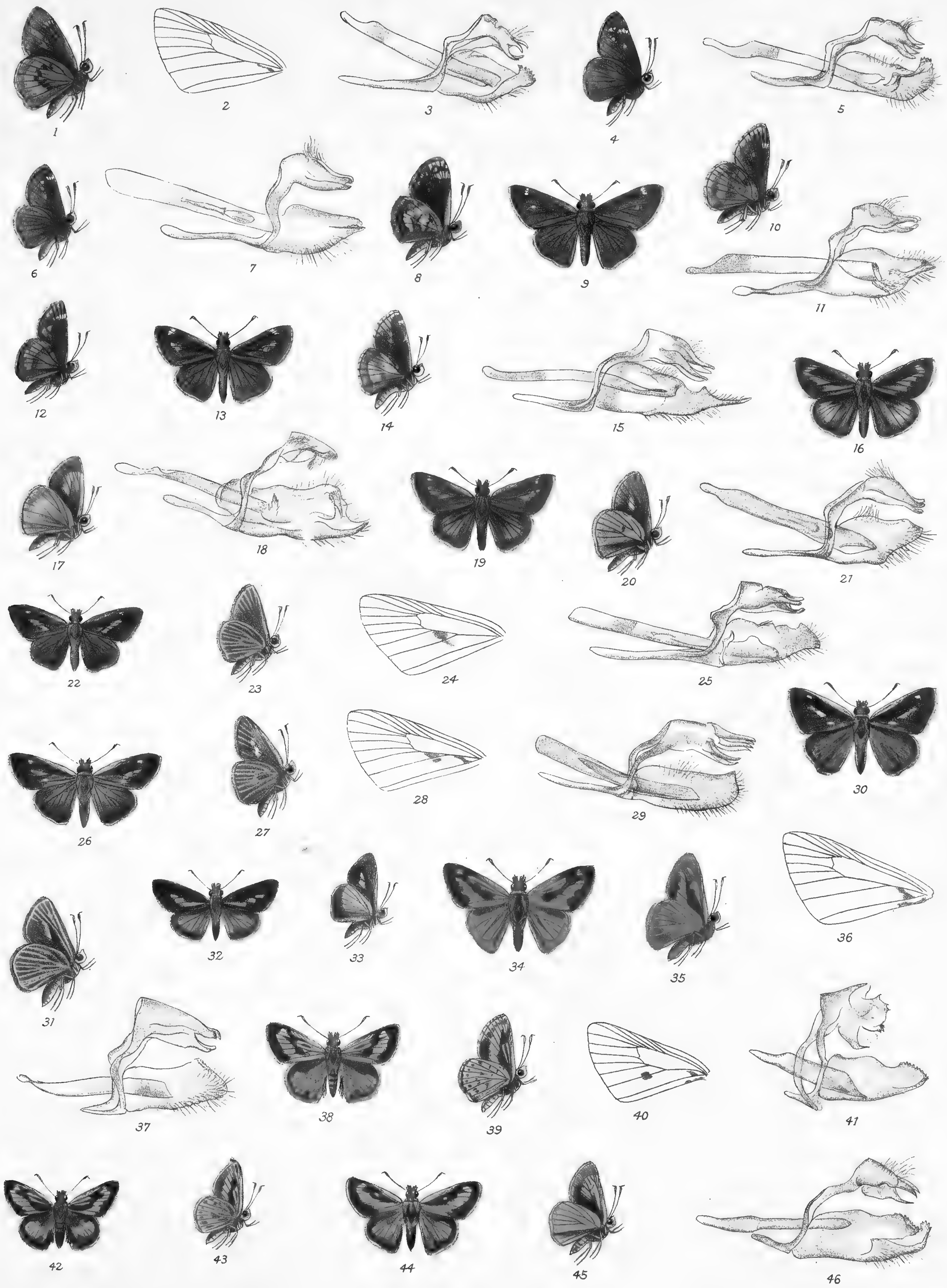
1,2 ♂ MŒRIS STRIGA.
3 ♂ " HYAGNIS.
4-7 ♂ METRON CHRYSOGASTER.
8,9 ♂ METROCLES LEUCOGASTER.
10,11 ♂ PAPIAS INFUSCATUS.
12,13 ♂ " DICTYS.
14,15 ♂ " MICROSEMA.

16 ♂ PAPIAS PHAINIS.
17-19 ♂ MNASINOUS PATAGE.
20,21 ♂ " ATHEAS.
22,23 ♂ METHION MELAS.
24,25 ♂ THARGELLA FULIGINOSA.
26,27 ♂ MNASITHEUS CEPHIS.
28,29 ♂ " SIMPLICISSIMUS.

30,31 ♂ MNASALCAS UNIFORMIS.
32-35 ♂ MASTOR ANUBIS.
36 ♂ " BELLUS.
37,38 ♂ " PERIGENES.
39-42 ♂ MNASILUS PENICILLATUS.
43-46 ♂ VEHILIUS ILLUDENS.
47-49 " VENOSUS.

W. Purkiss lith.
Hanhart imp.
724.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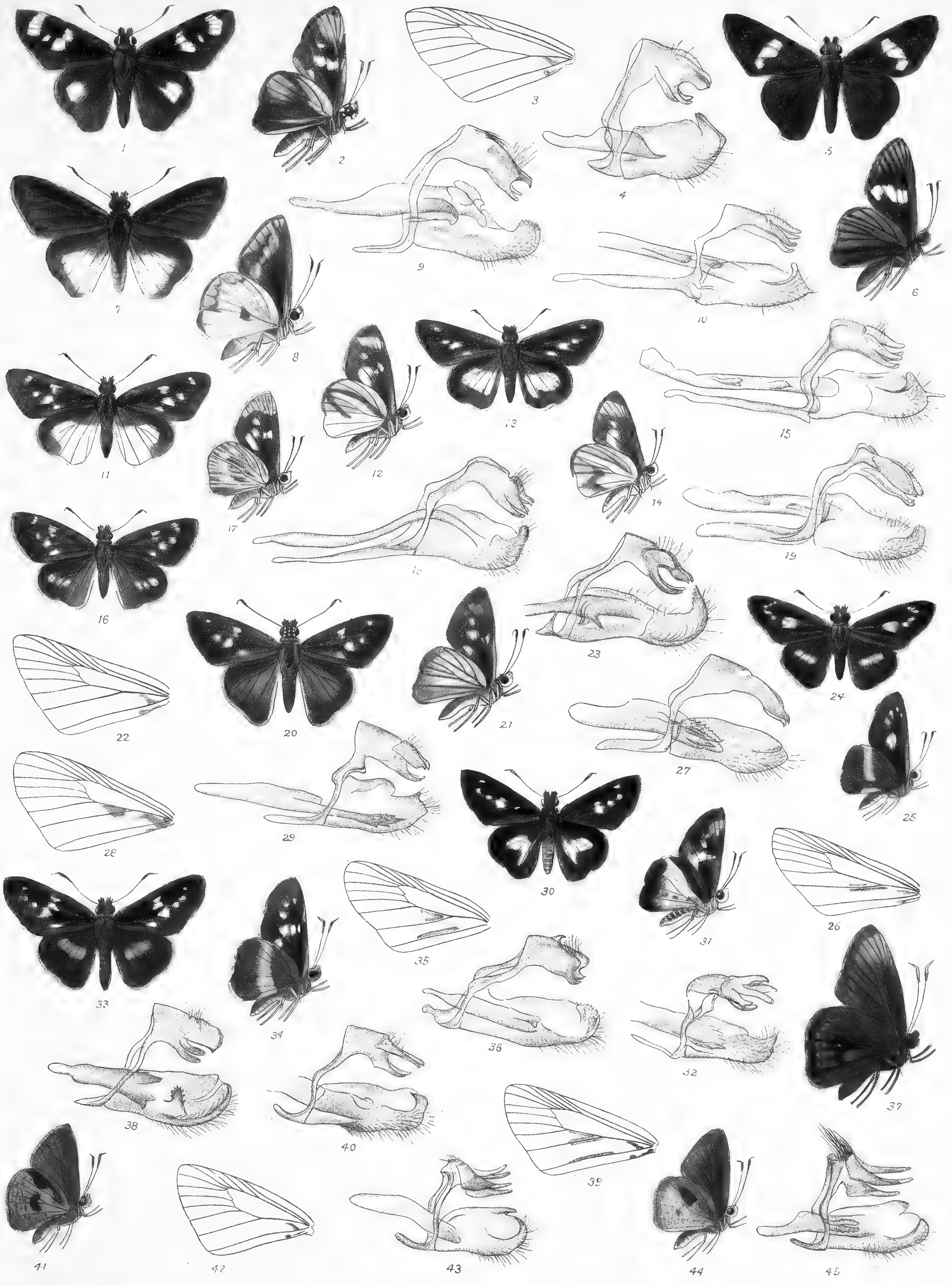
1,2,3♂ MEGISTIAS TRIPUNCTATUS.
4,5♂ » JERA.
6,7♂ » LABDACES.
8♂ » ŒBASUS.
9,10,11♂ » ISUS.
12♂ » FRAUS.

13,14,15♂ MEGISTIAS TELATA.
16,17,18♂ » EPIBERUS.
19,20,21♂ » LEUCONE.
22-25♂ PARPHORUS STORAX.
26-29♂ VORATES DECORUS.

30,31♂ VORATES SAPALA.
32,33♂ PHERÆUS EPIDIUS.
34-37♂ MOLO HERÆA.
38-41♂ VINIUS ARIGNOTE.
42,43♂ » SAGITTA.
44,45,46♂ PADRAONA EPICTETUS.

W. Purkiss lith.

Hanhart imp.
725.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1-4♂ CARYSTUS CLAUDIANUS.
5,6♂ » CYNAXA.
7,8,9♂ » EBUSA.
10♂ » MARCUS.
11,12♀ » AURELIUS.
13,14♂ » DIVERSUS.

15♂ CARYSTUS FANTASOS.
16,17,18♂ » ARTONA.
19♂ » CORYNA.
20-23♂ PARACARYSTUS HYPARGYRA.
24-27♂ ZENIS MINOS.
28,29♂ VETTIUS PHYLLUS.

30,31,32♂ VETTIUS LAFRESNAYI.
33-36♂ CŒLIADES FISCELLA.
37,38♂ DION GEMMATUS.
39,40♂ FLACCILLA ÆCAS.
41,42,43♂ CYMÆNES MALITIOSA.
44,45♂ » LUTULENTA.

W. Purkiss lith.
Hanhart imp.
726.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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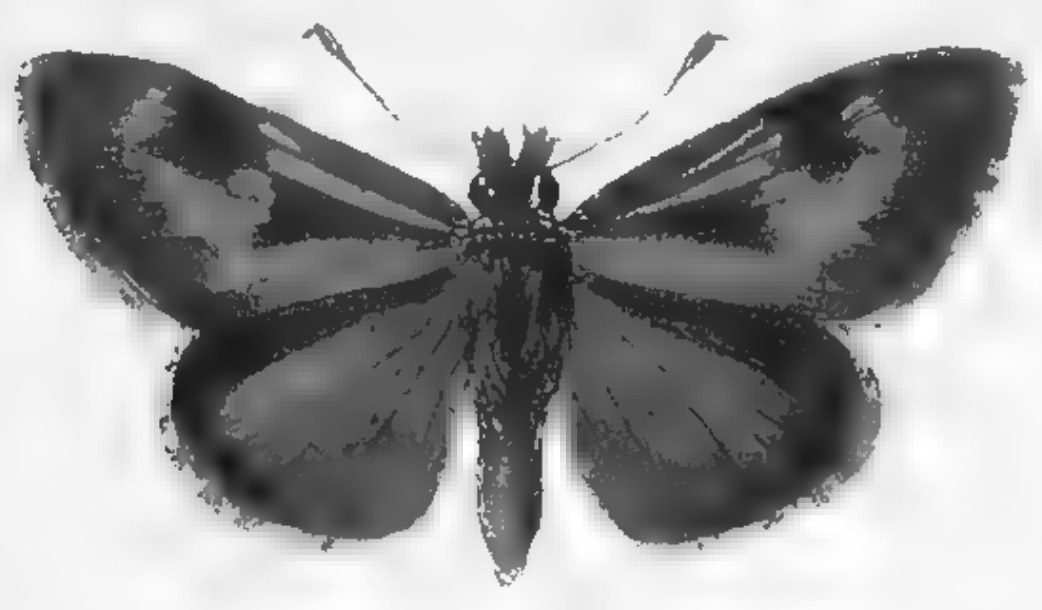
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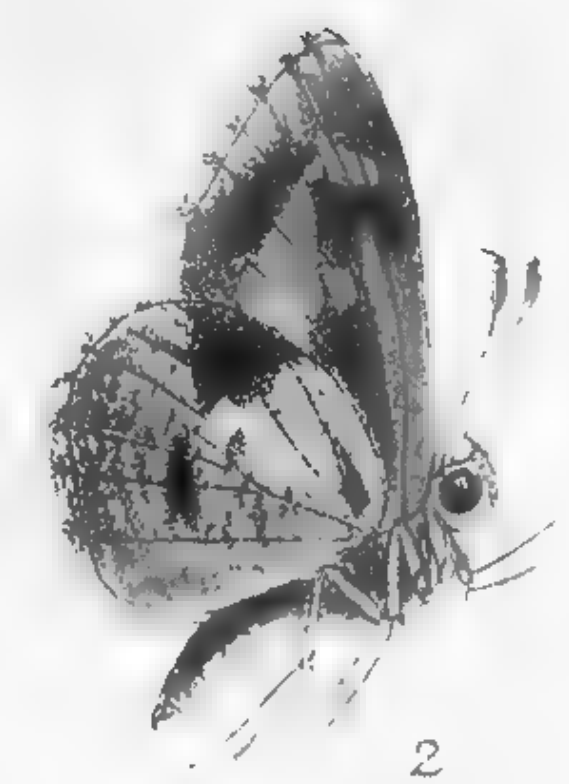
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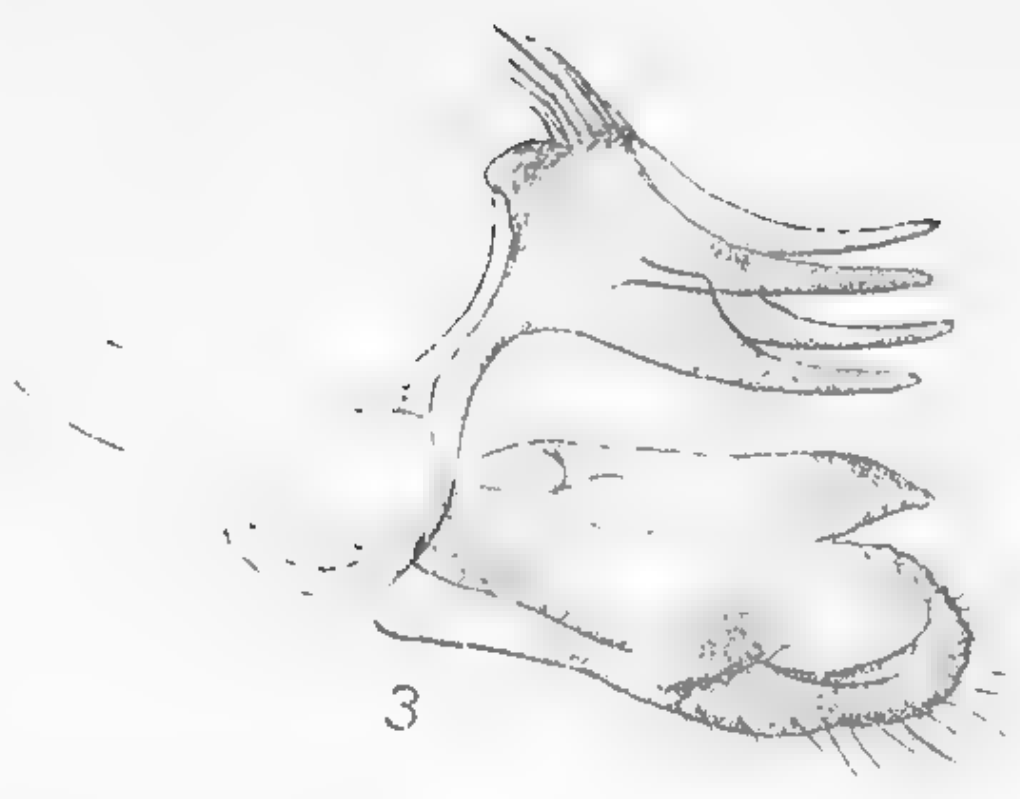
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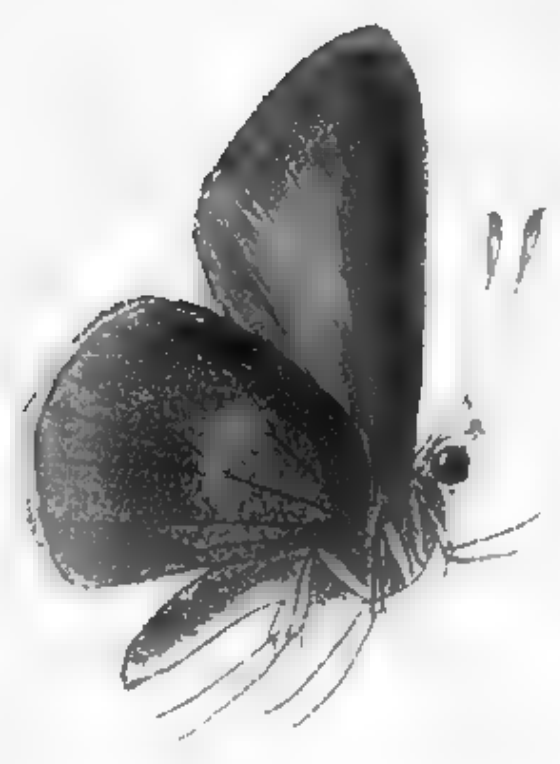
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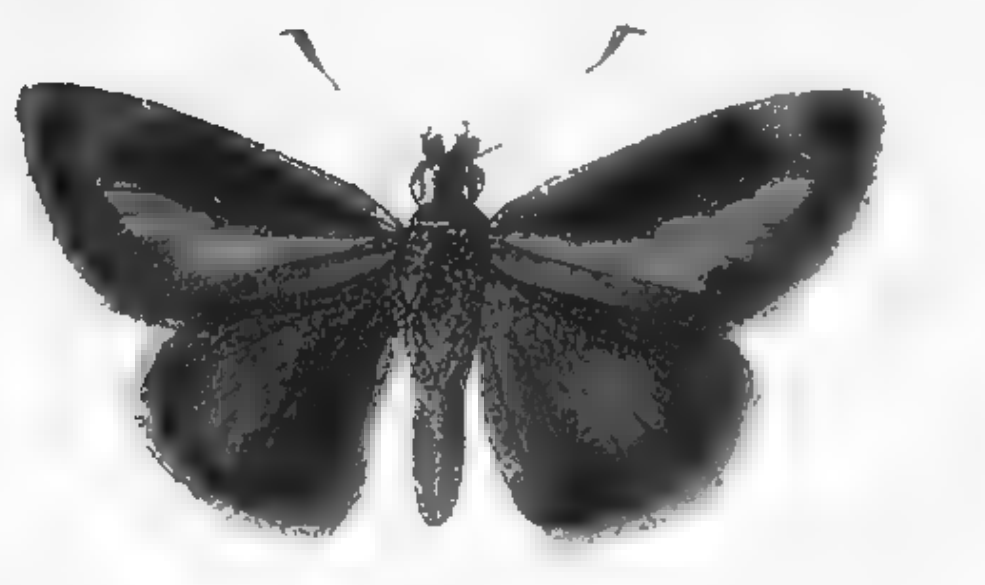
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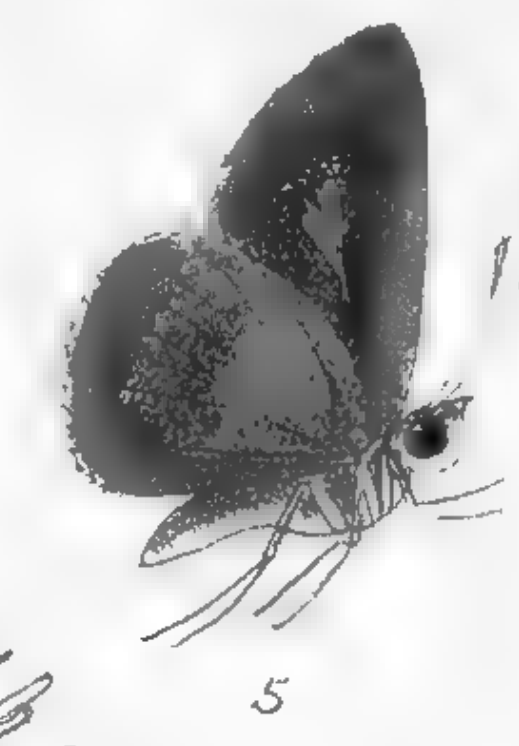
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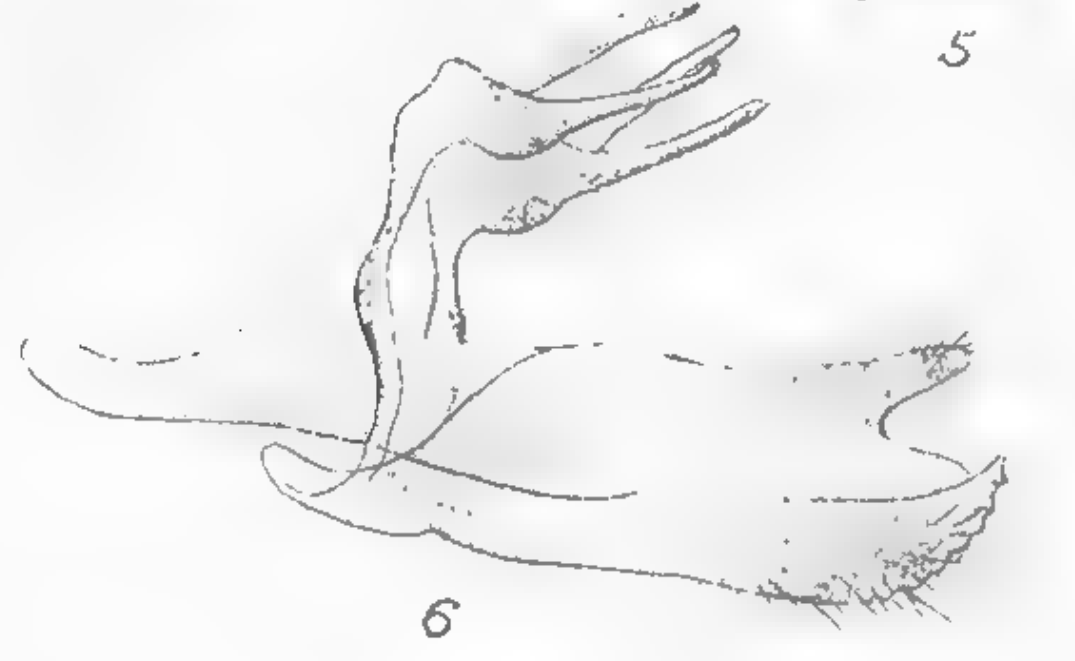
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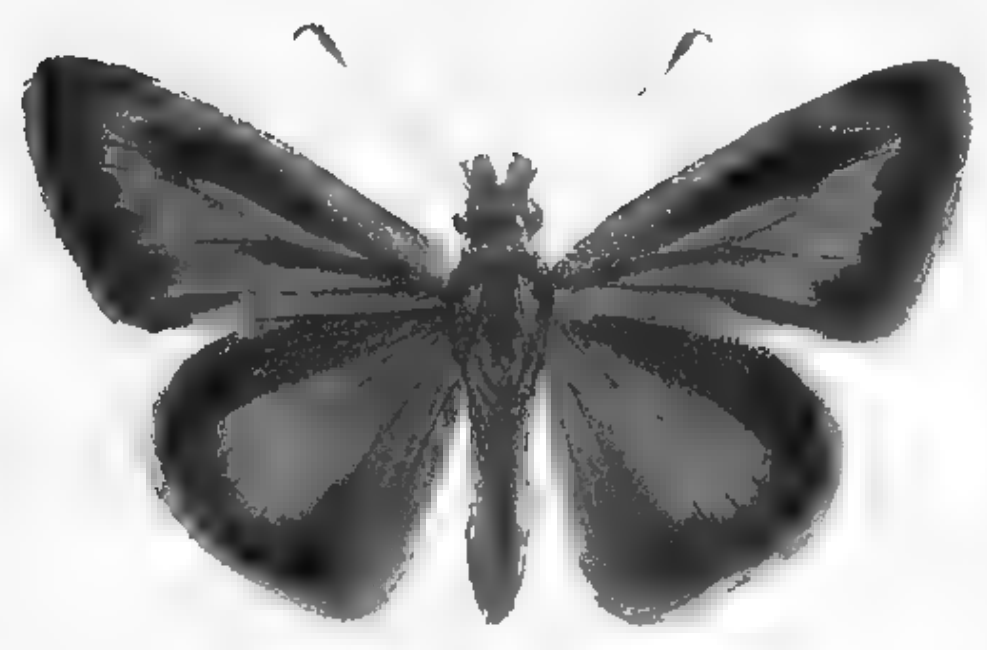
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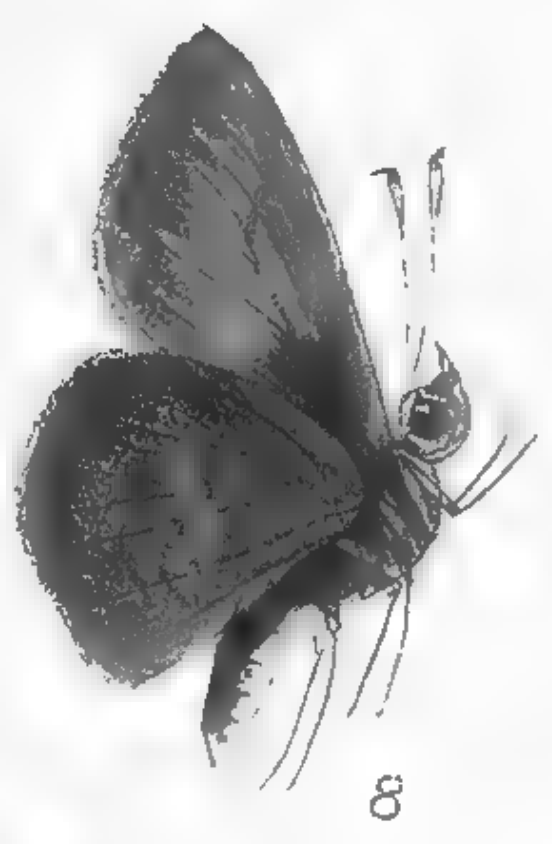
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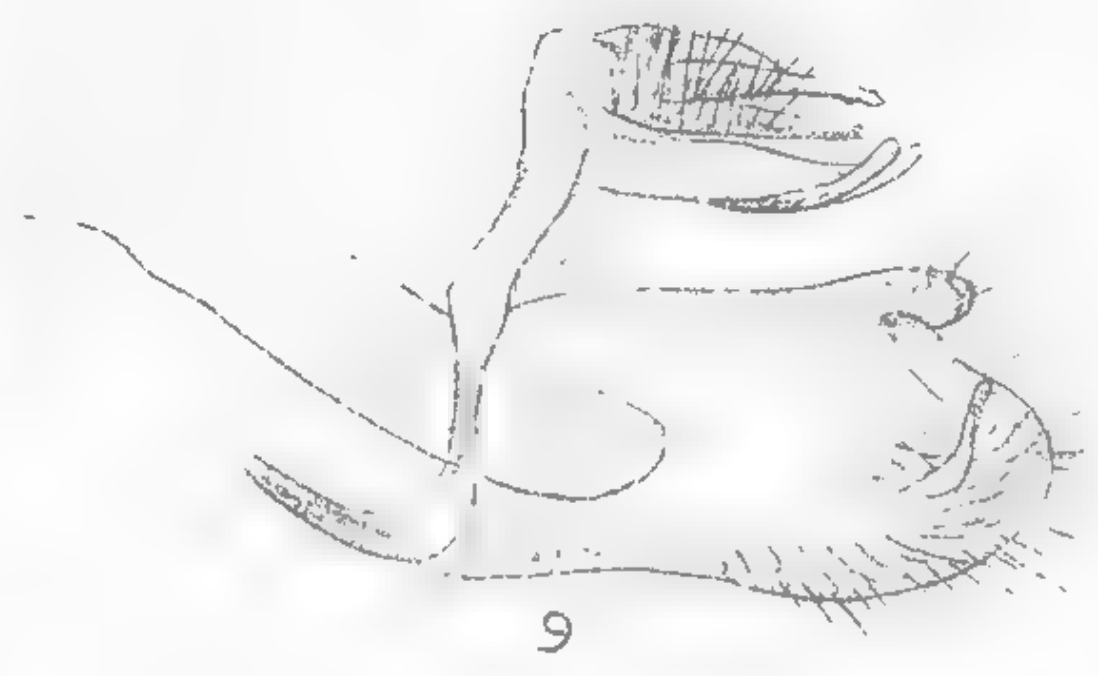
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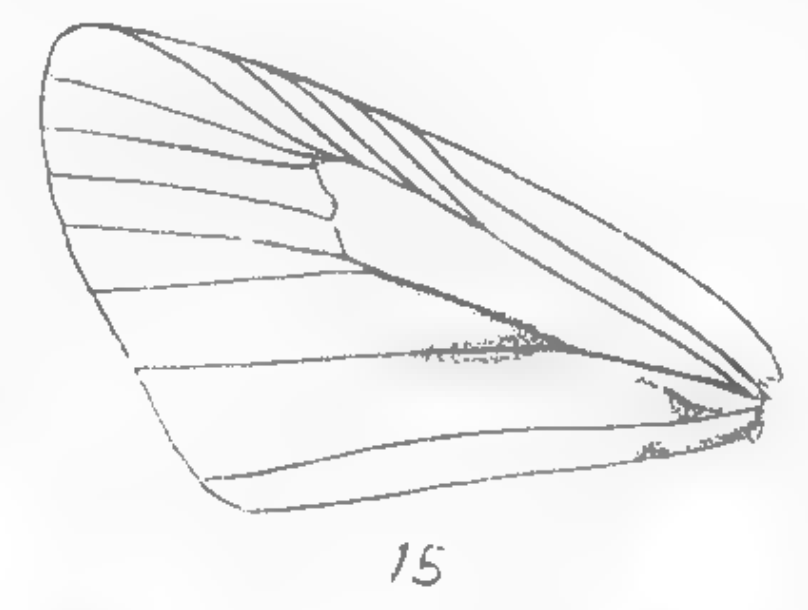
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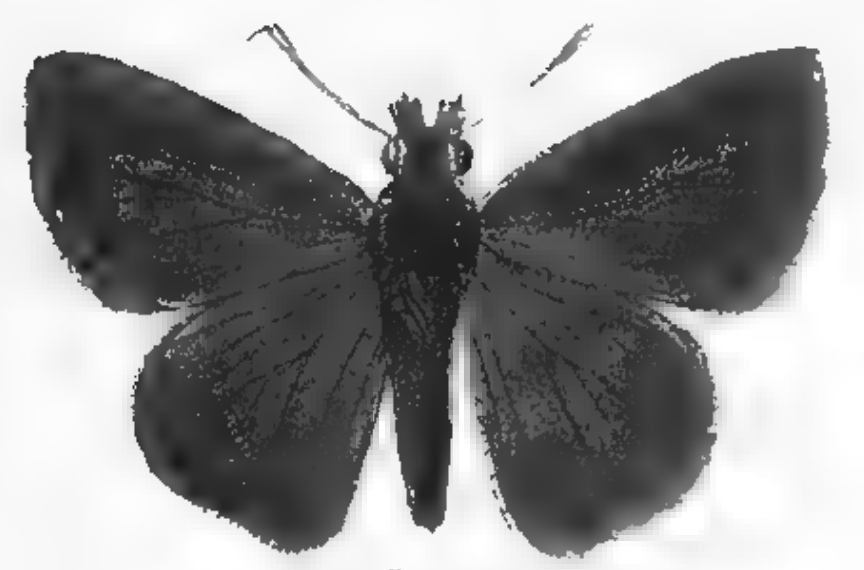
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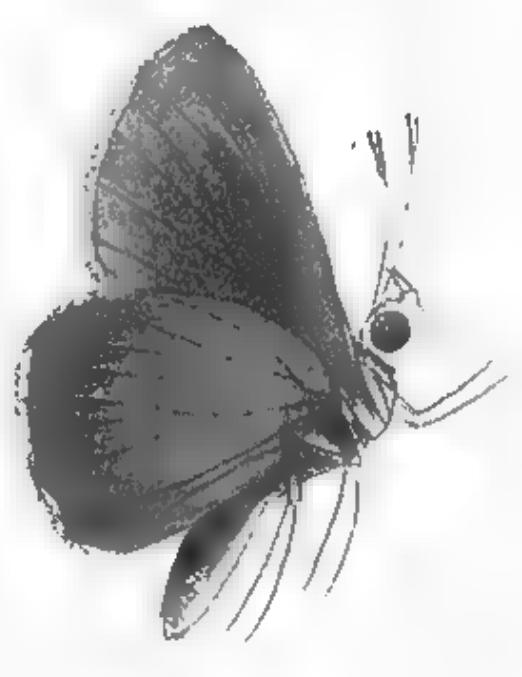
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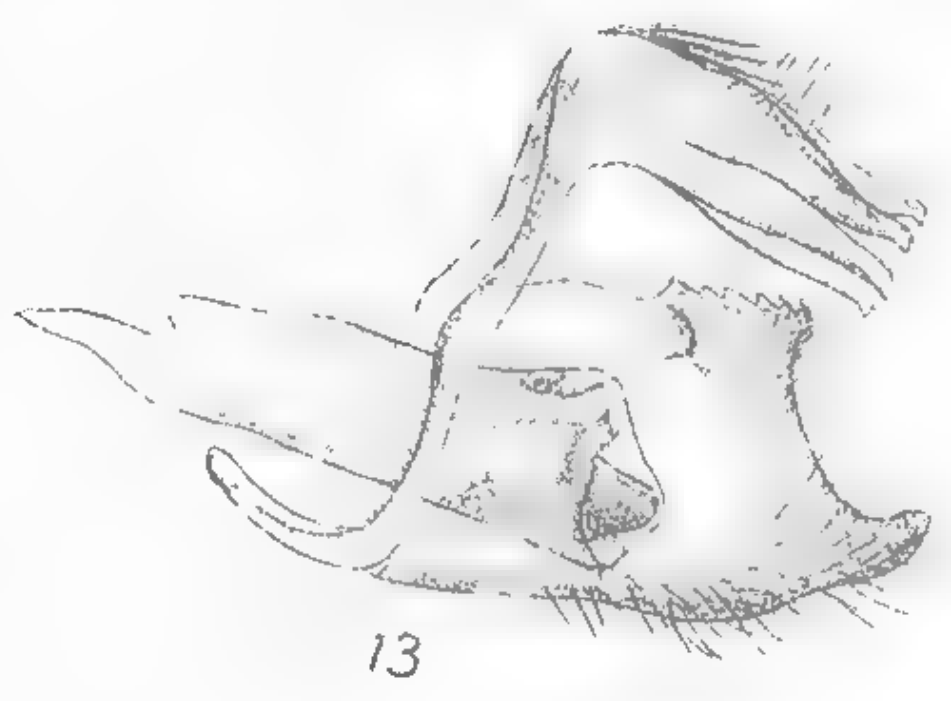
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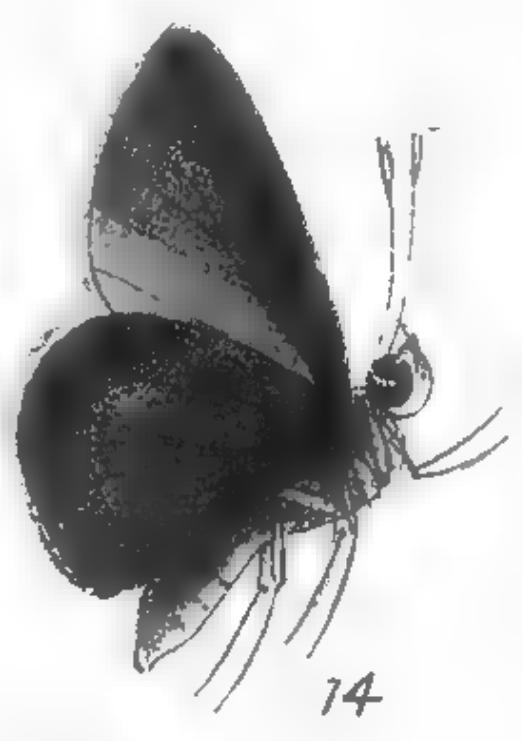
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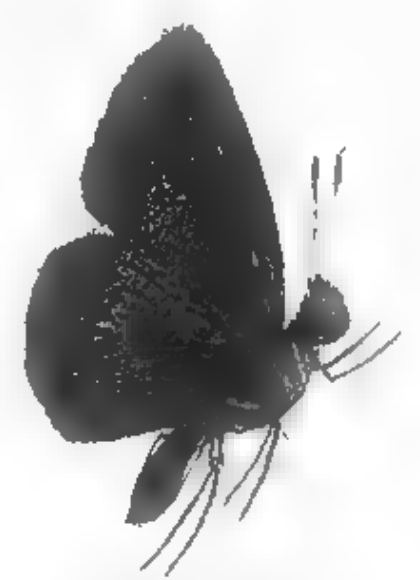
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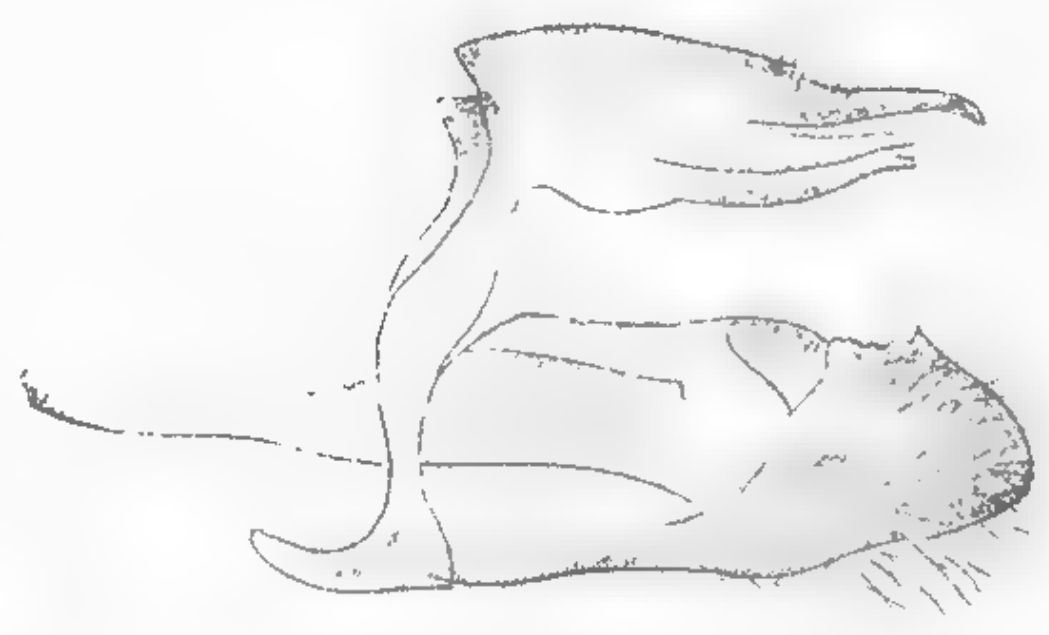
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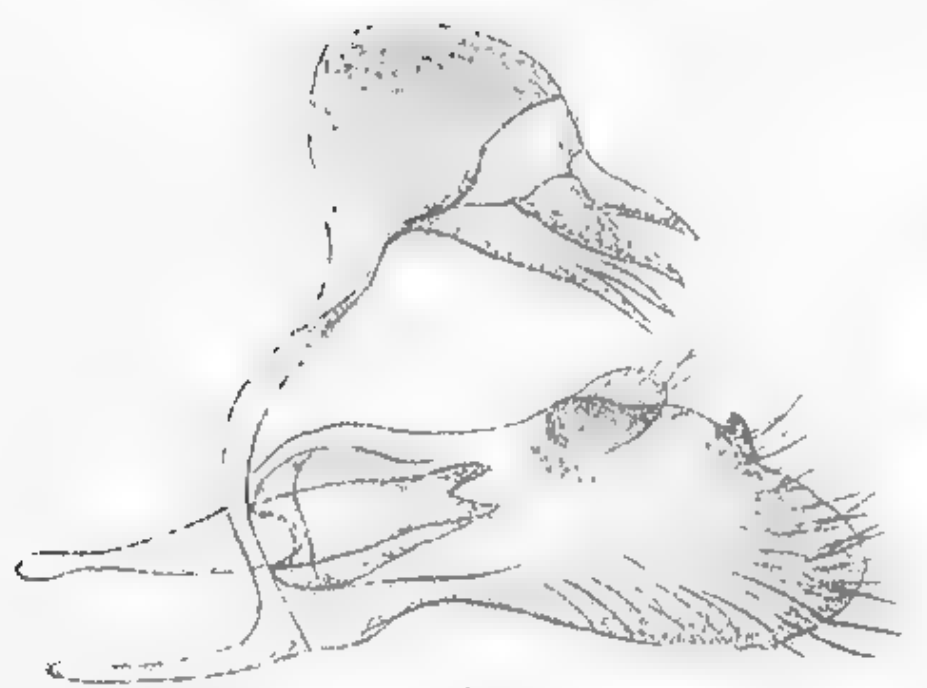
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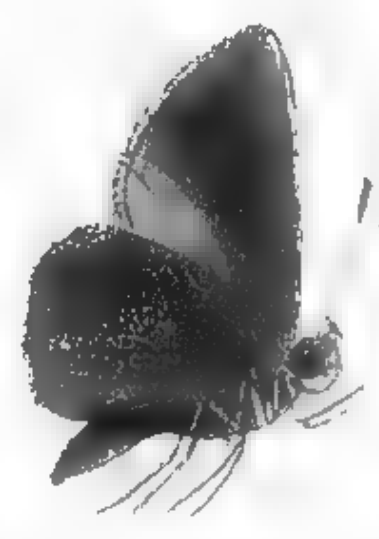
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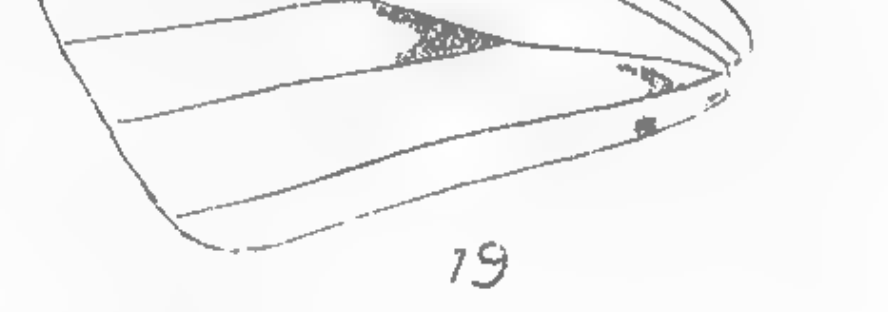
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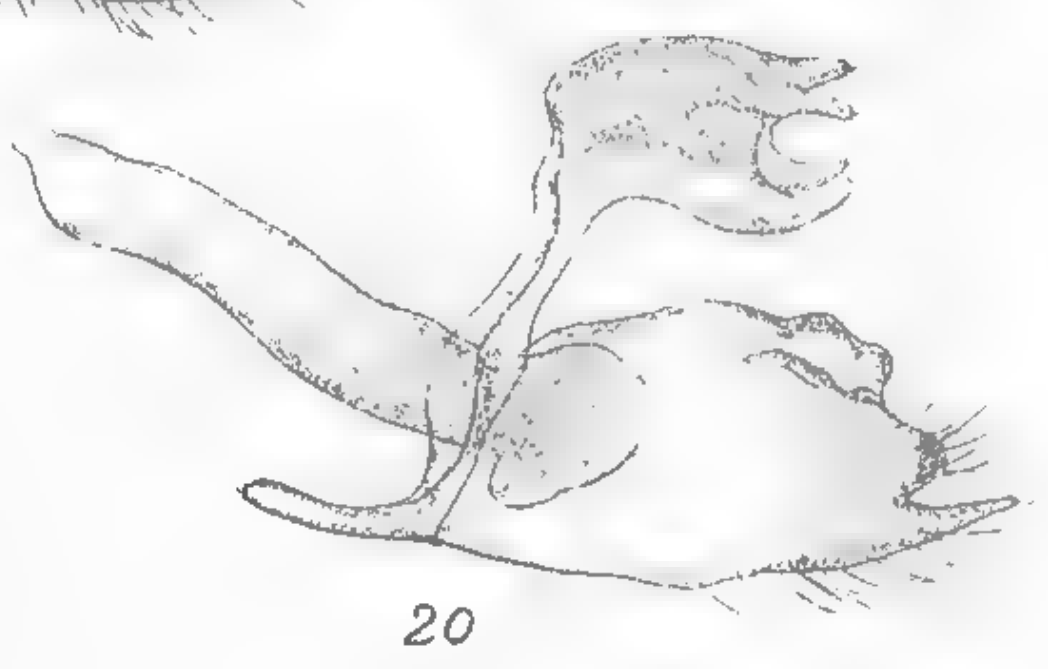
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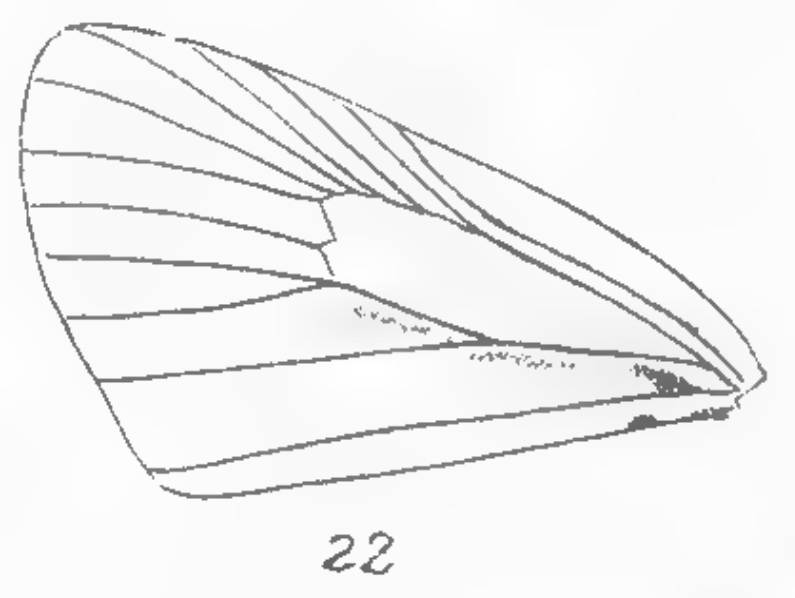
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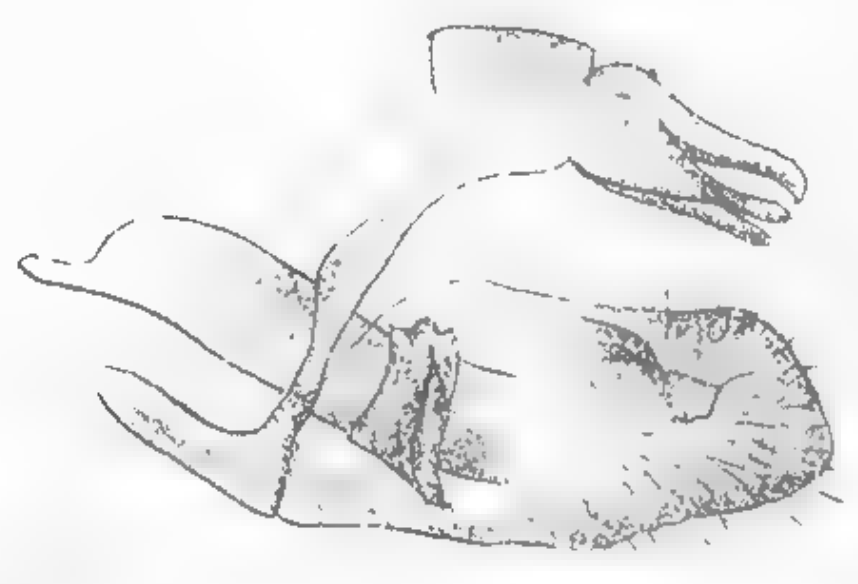
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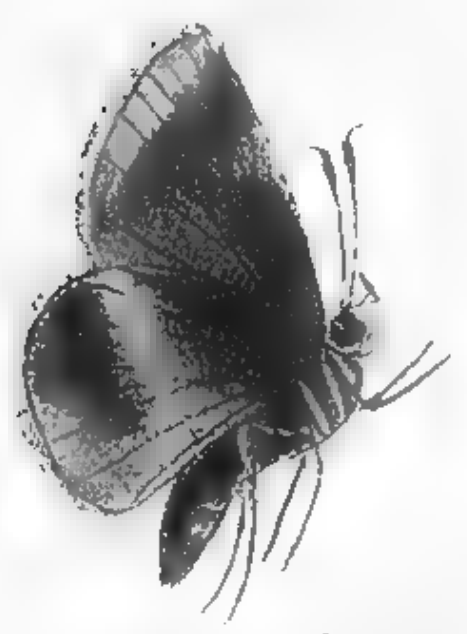
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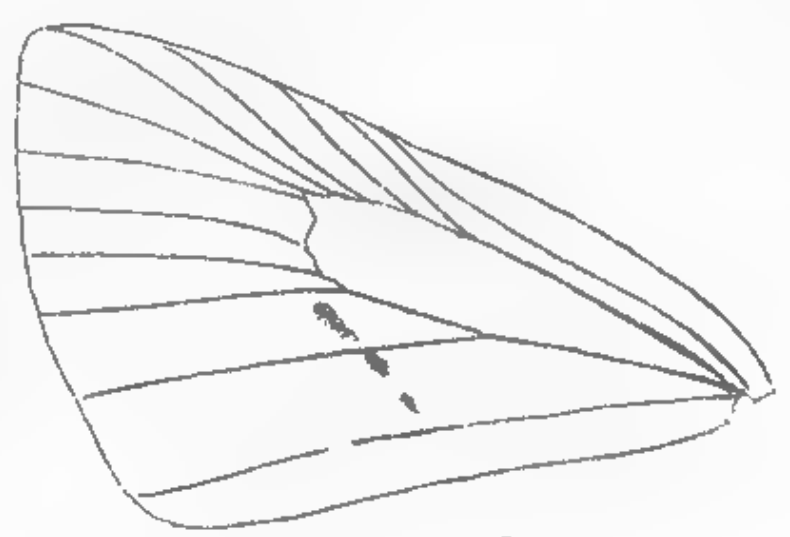
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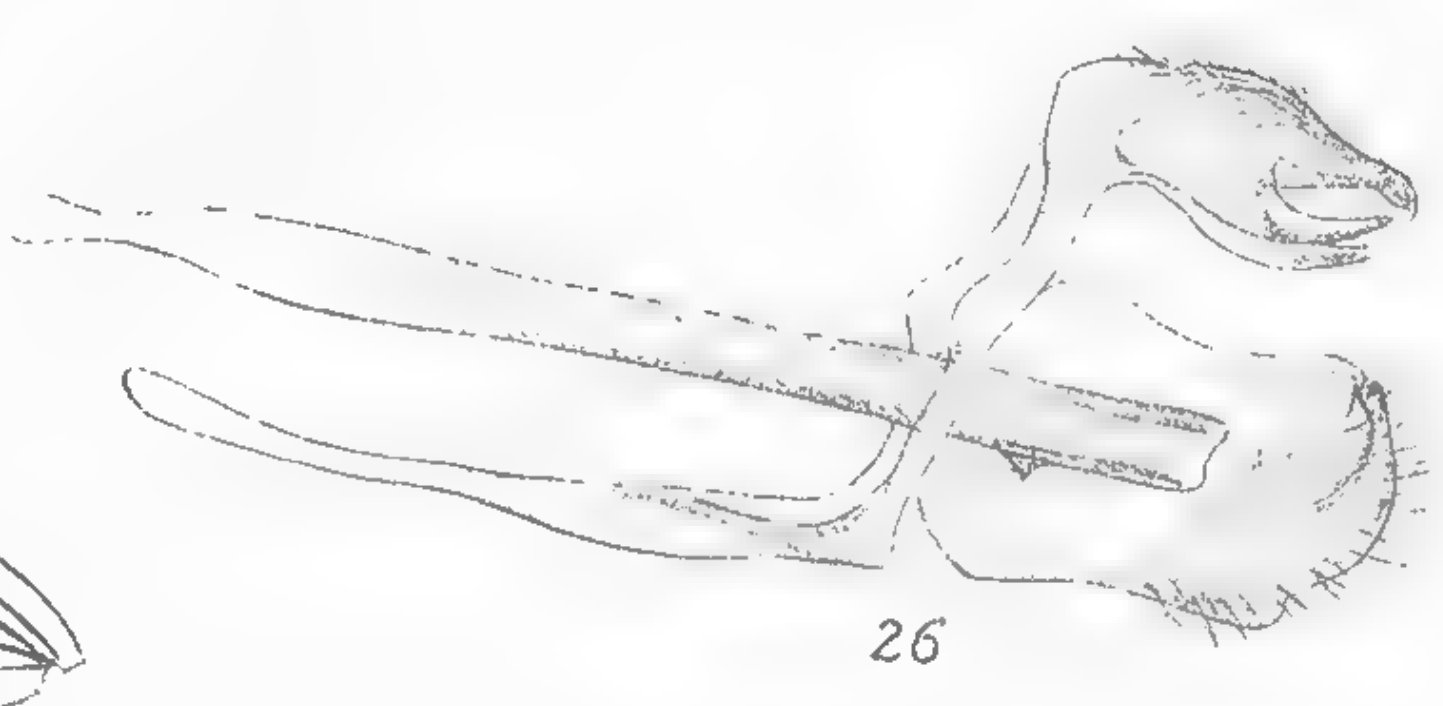
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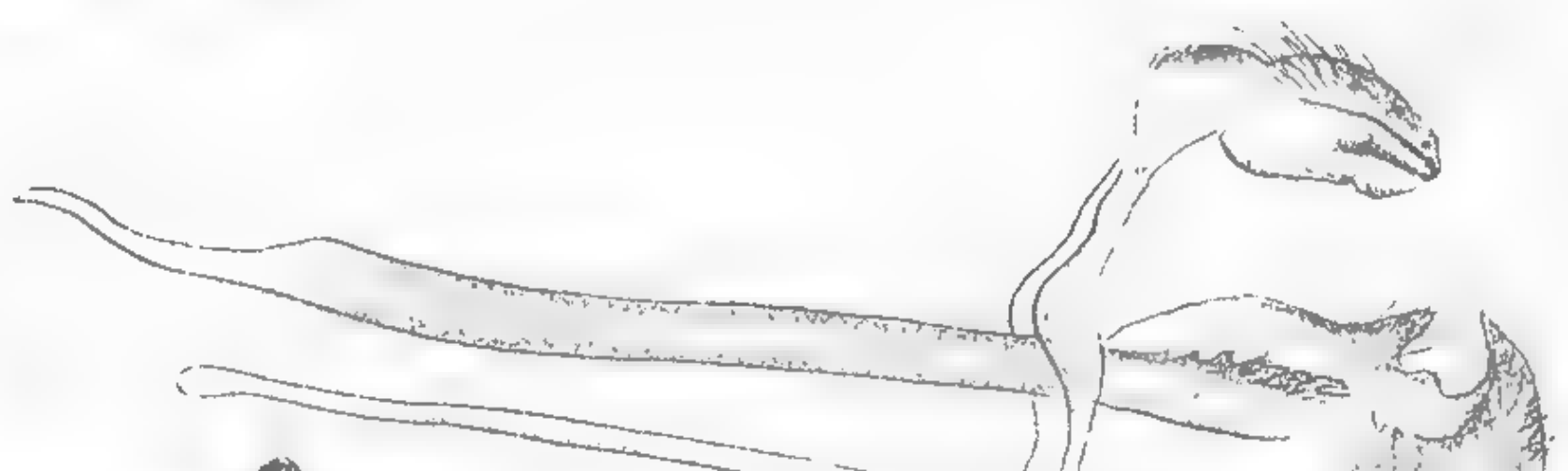
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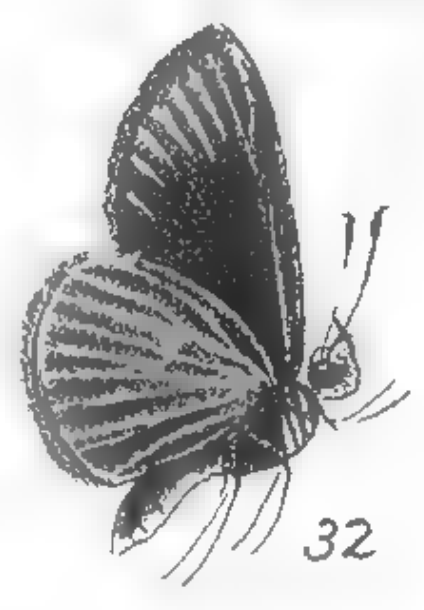
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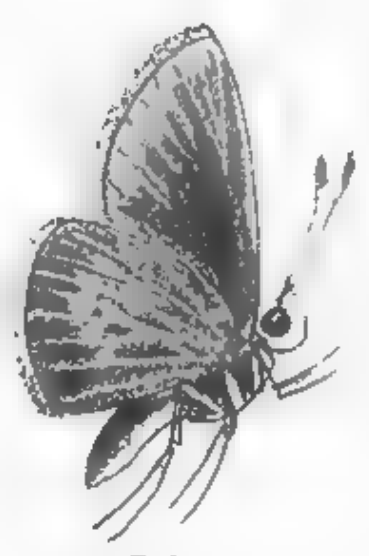
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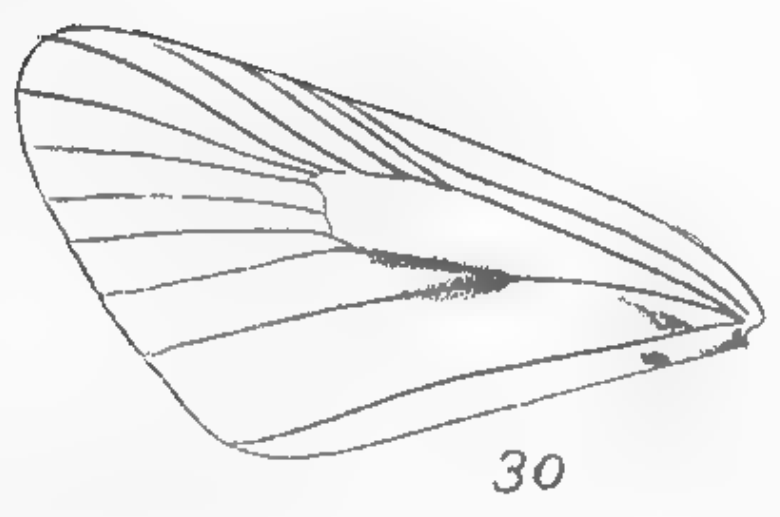
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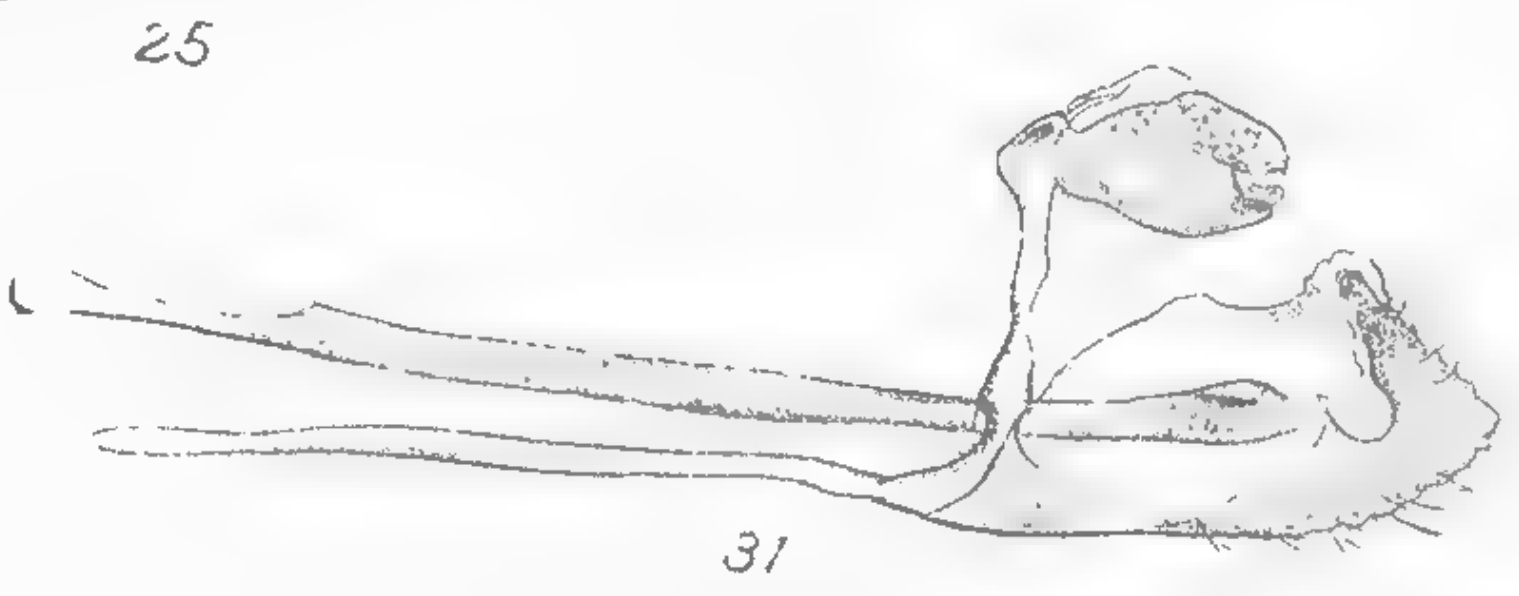
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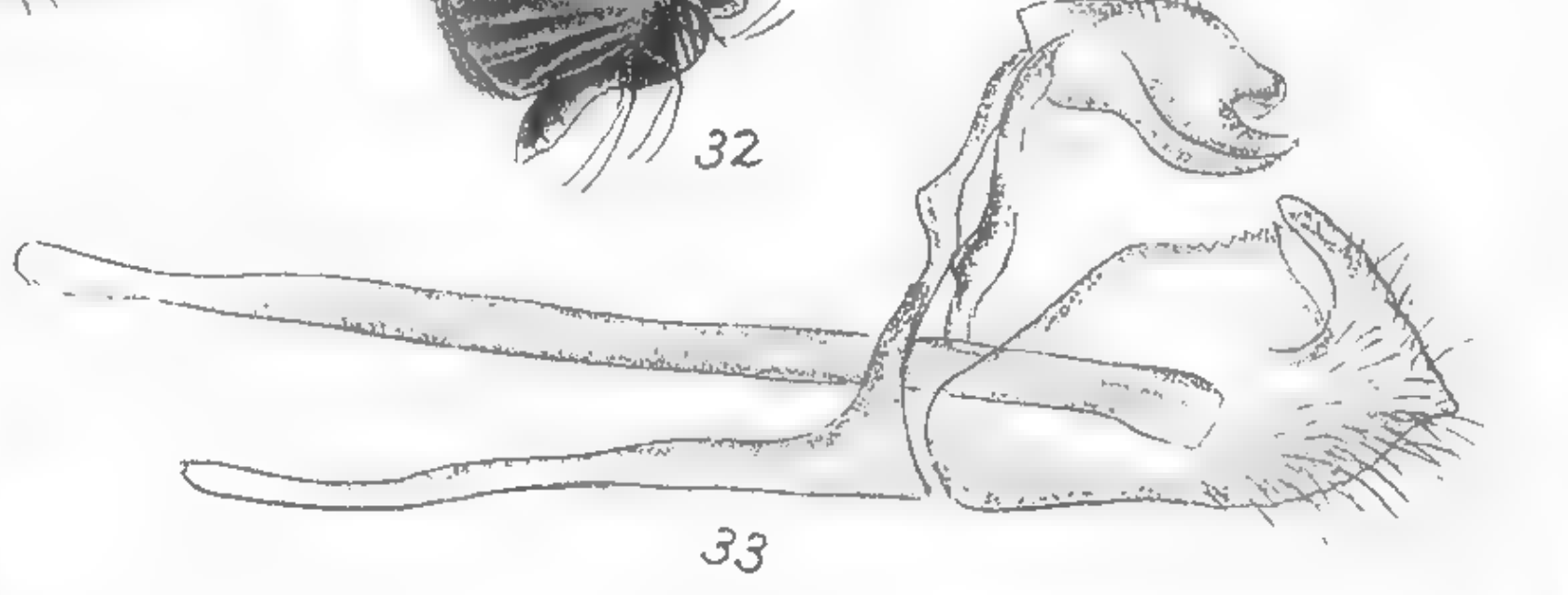
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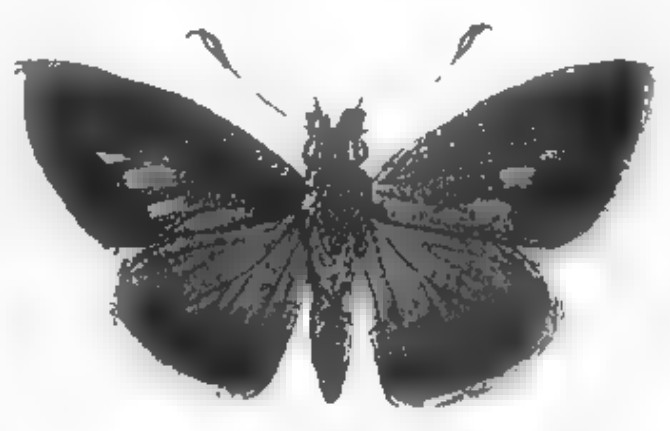
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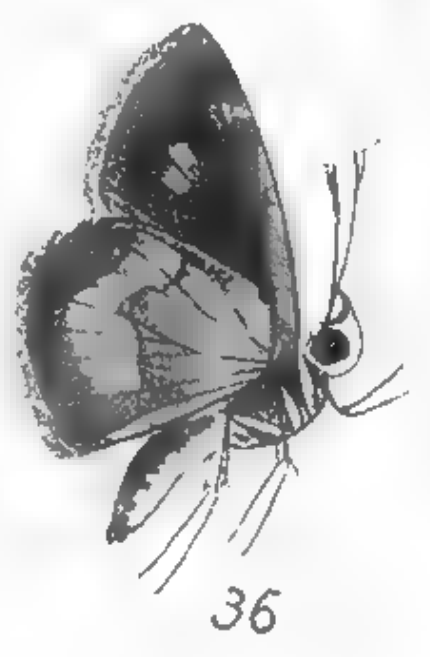
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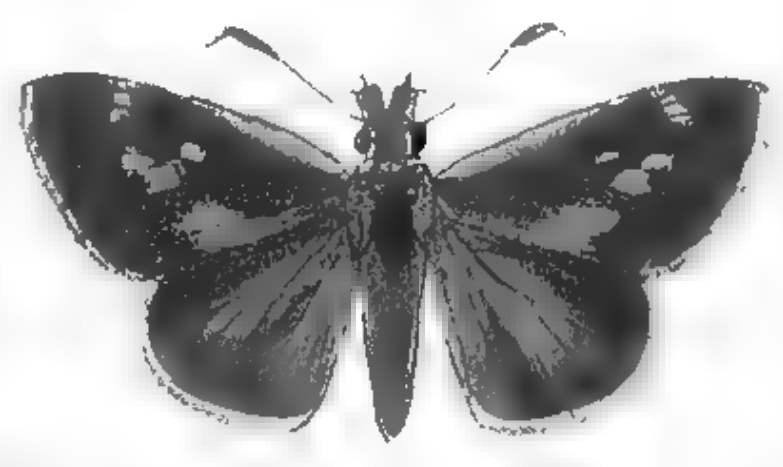
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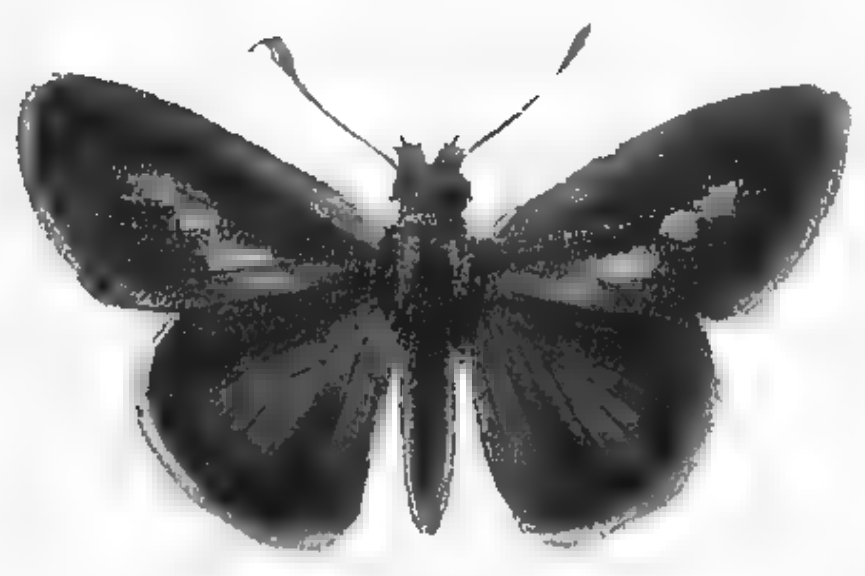
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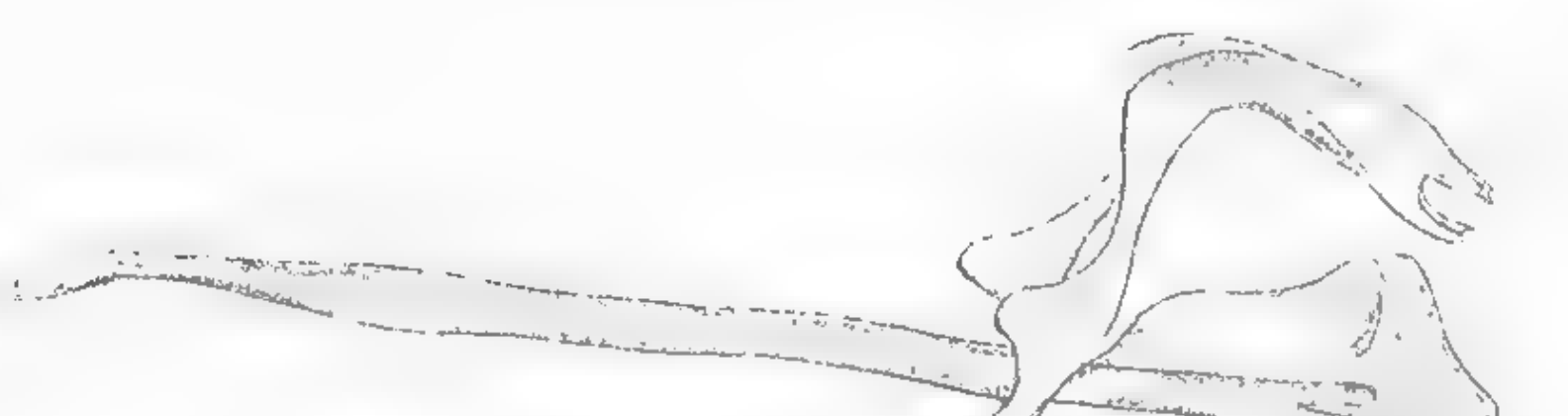
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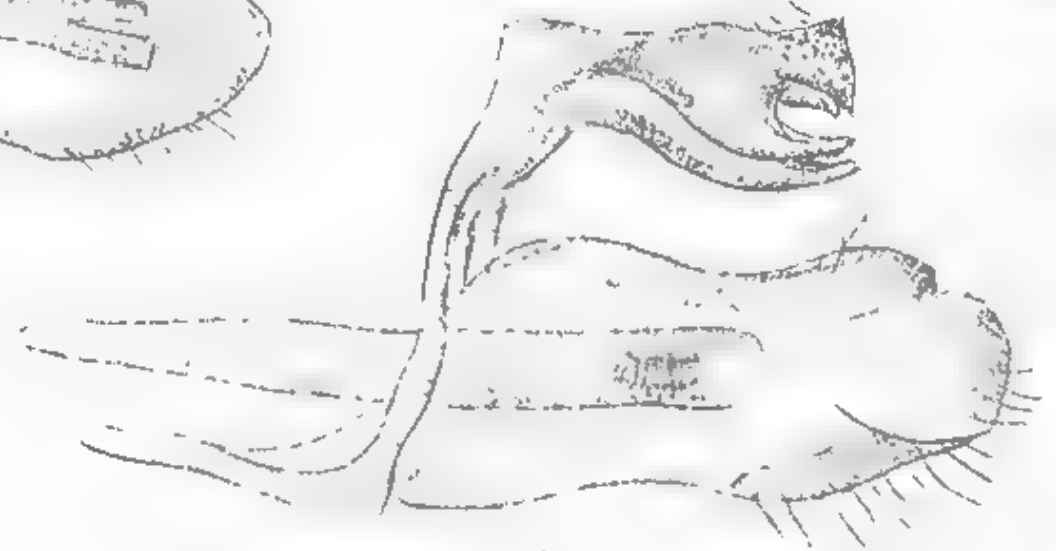
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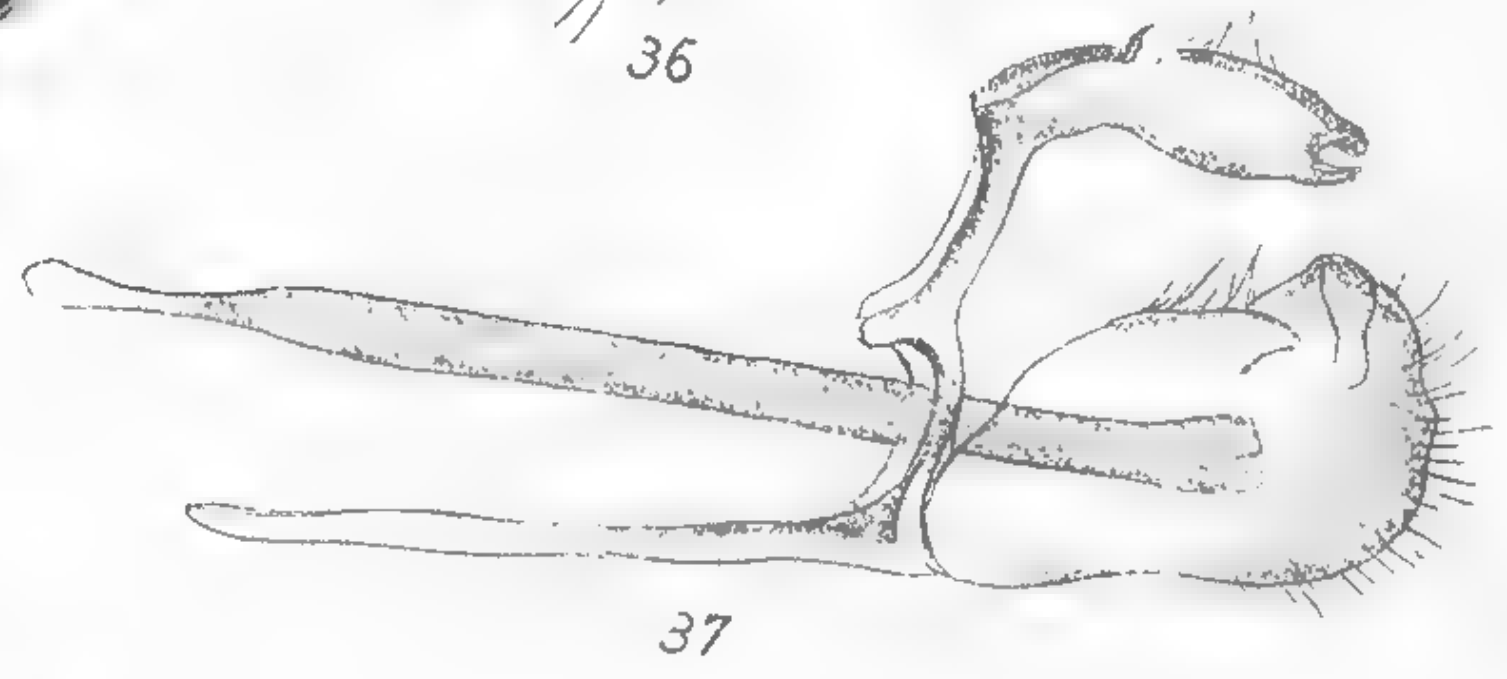
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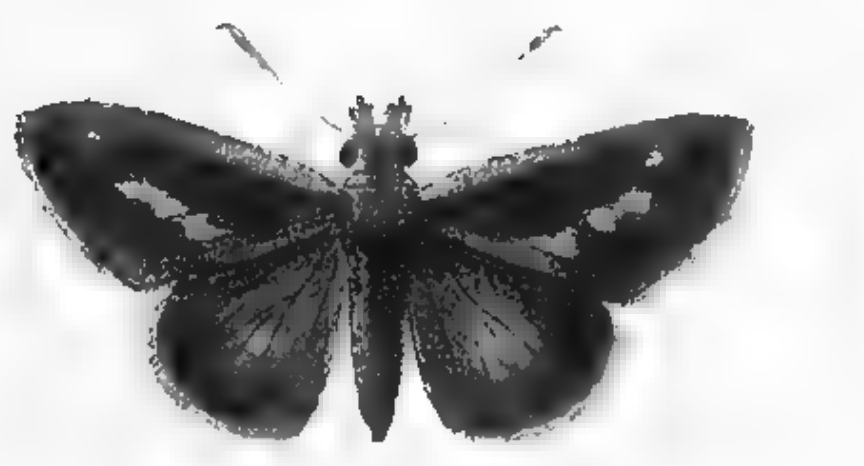
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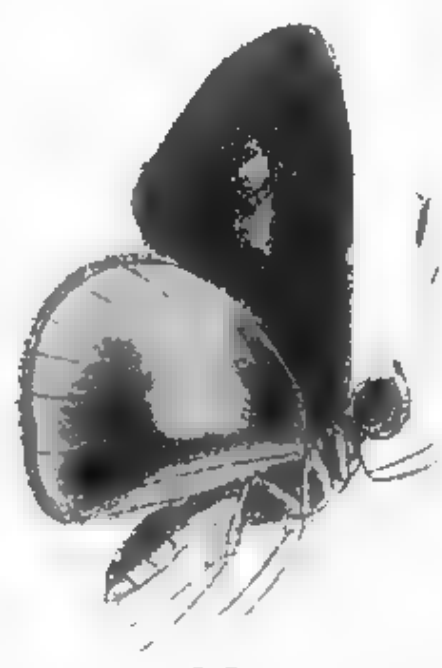
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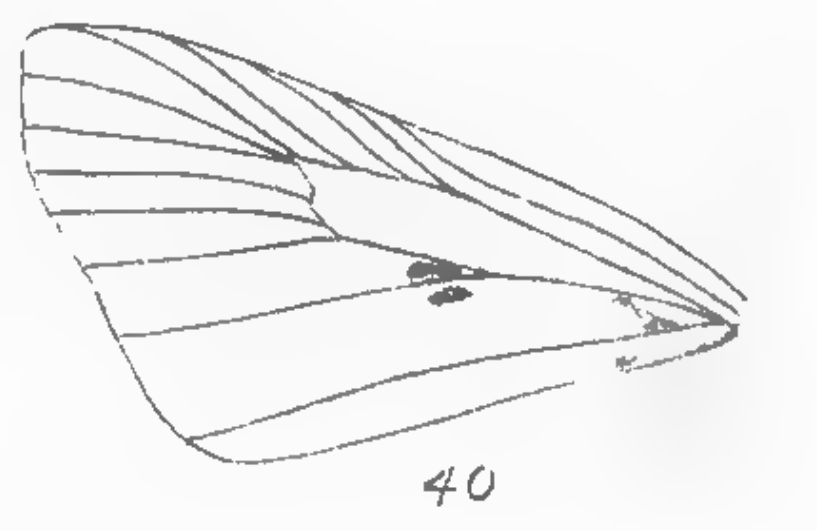
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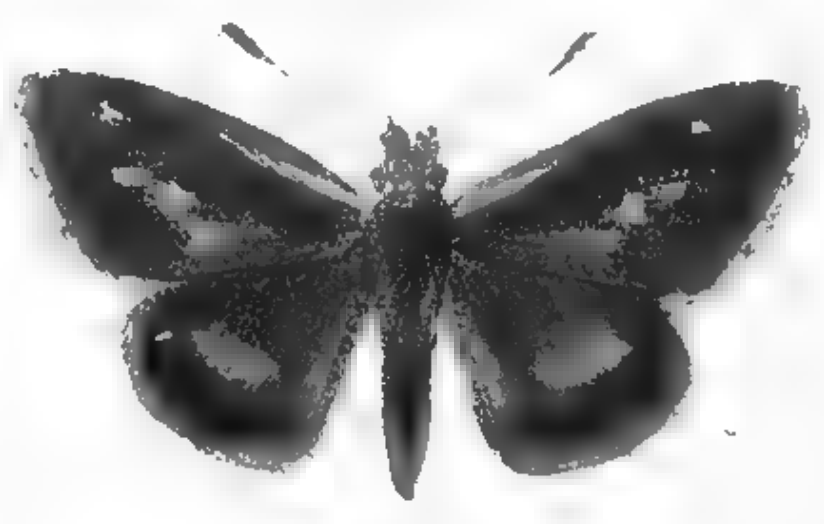
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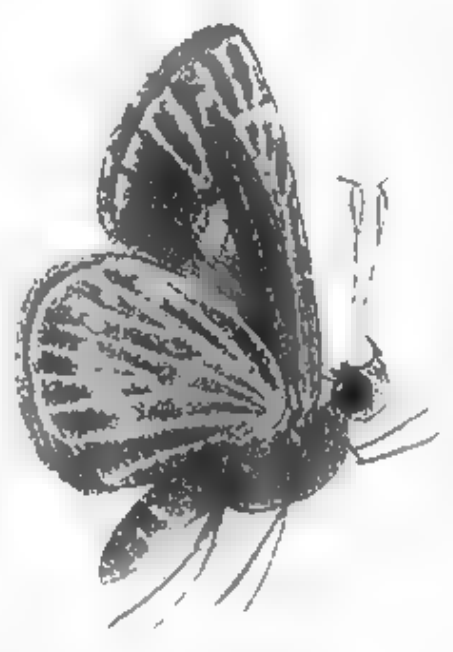
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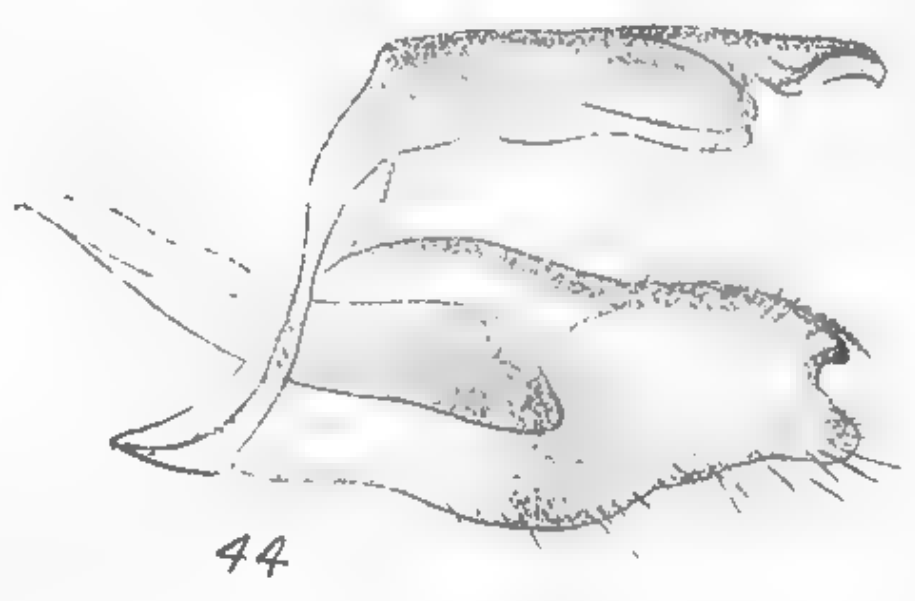
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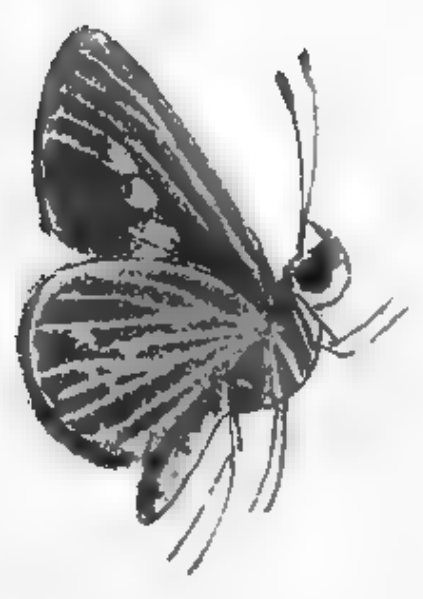
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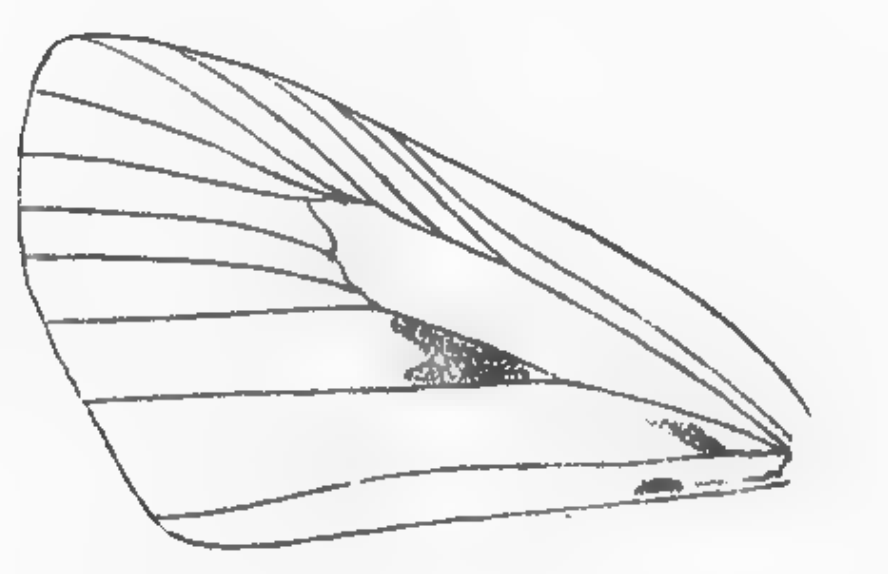
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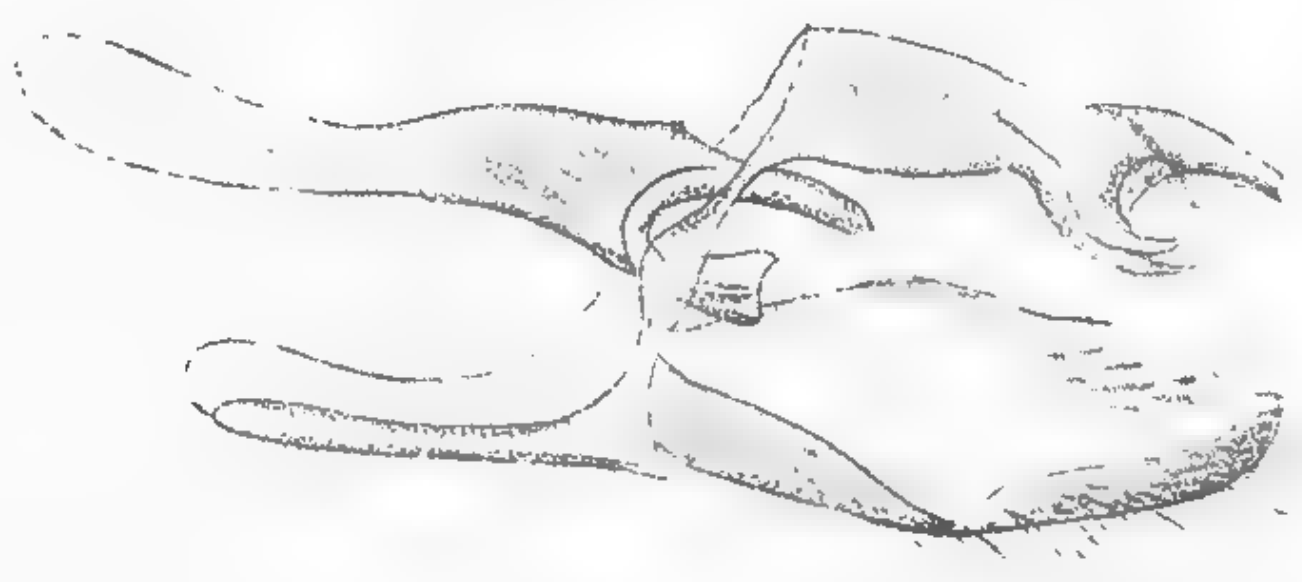
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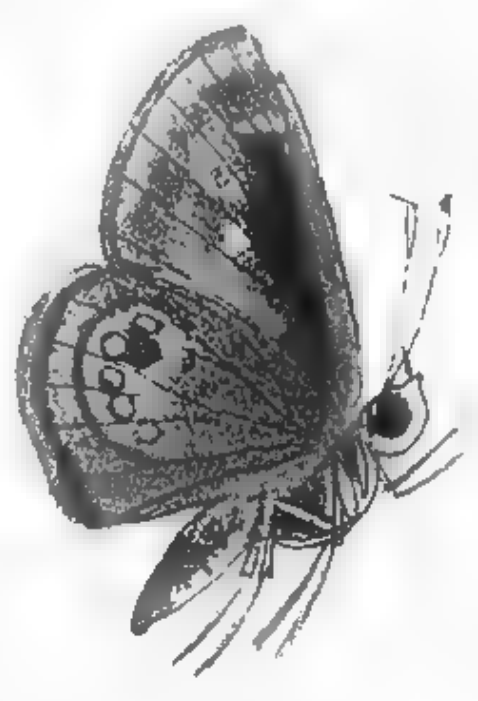
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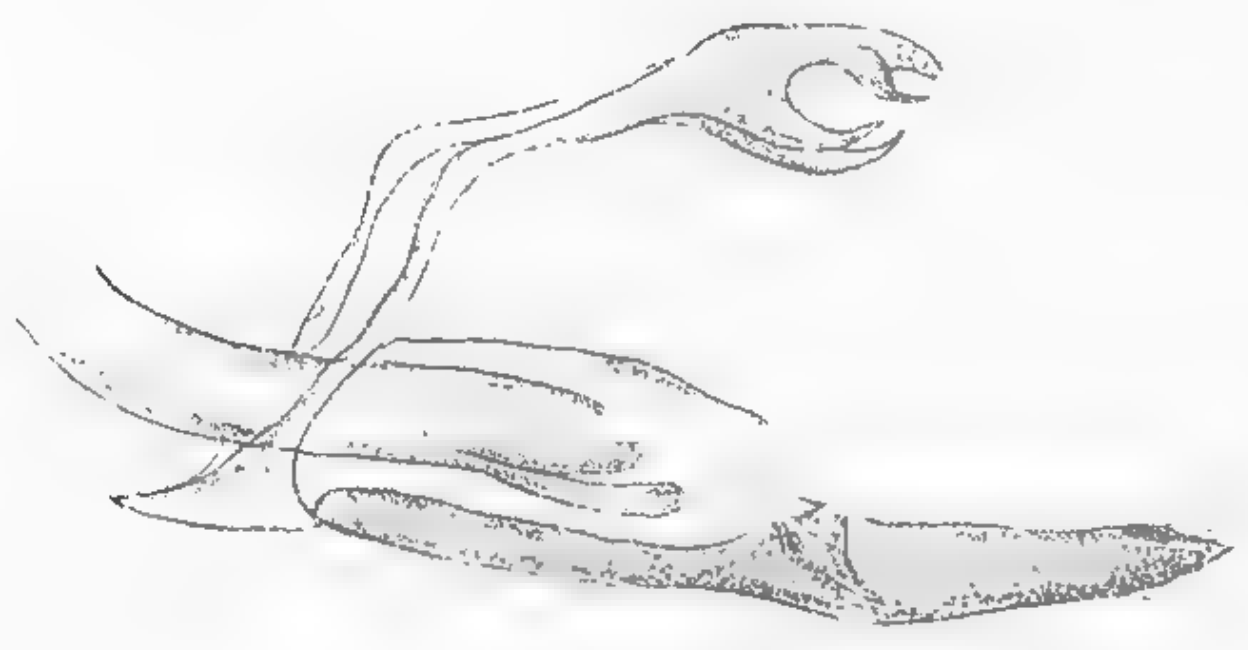
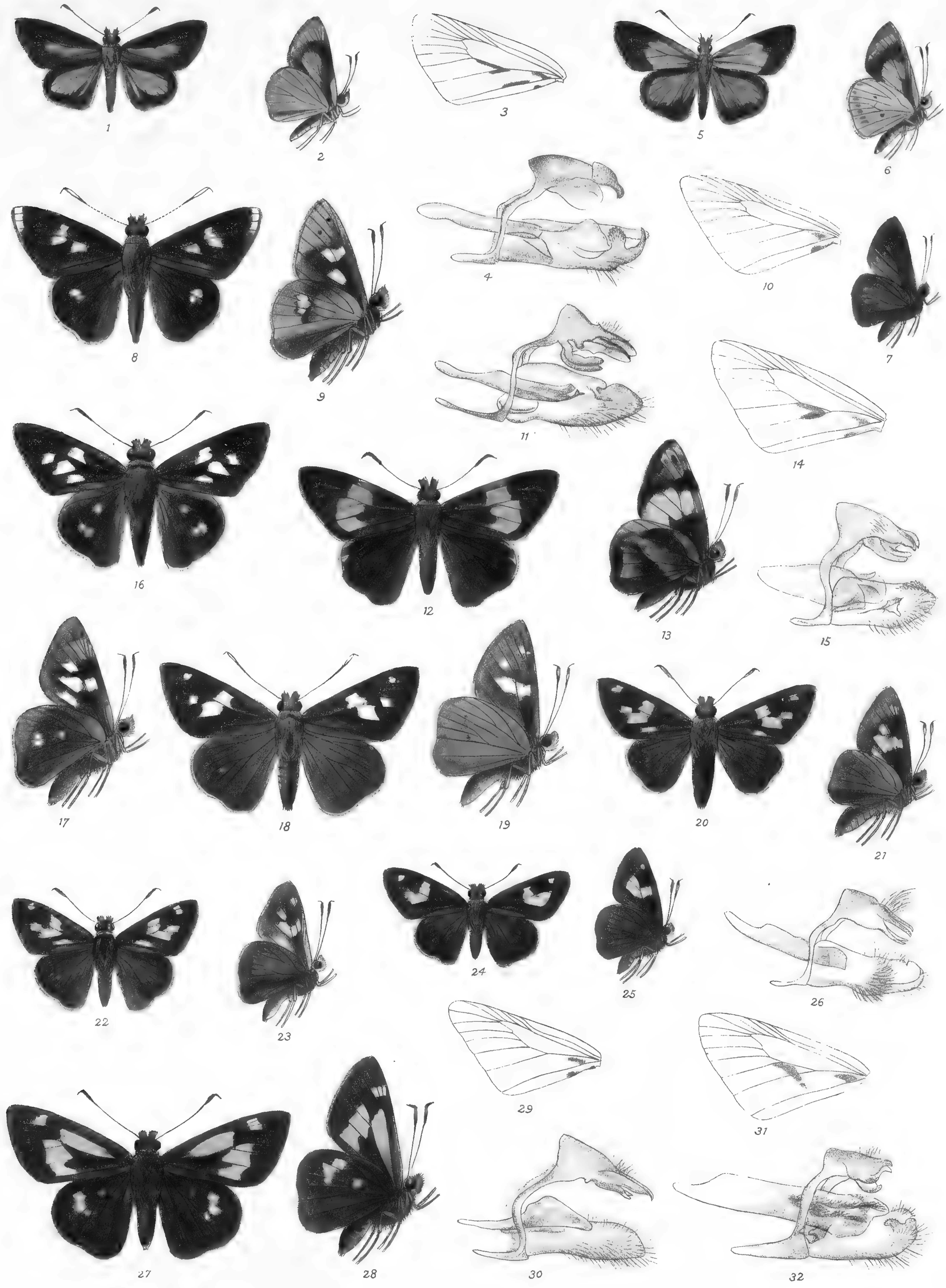

50

1,2,3♂ CYMÆNES SYRACES.
4,5,6♂ " SILIUS.
7,8,9♂ " BERUS.
10♂ " " ,var.
11,12,13♂ MNASEAS BICOLOR.
14,15,16♂ METHIONOPSIS MODESTUS.
17♂ " TYPHON.

18,19,20♂ EUTOCUS PHTHIA.
21,22,23♂ EPEUS VELEDA.
24,25,26♂ MNASICLES GETA.
27♂ " HICETAON.
28-31♂ CALLIMORMUS JUVENTUS.
32,33♂ " FILATA.

34♂ CALLIMORMUS GRACILIS.
35,36,37♂ " CORADES.
38-41♂ MNESTHEUS ITTONA.
42,43,44♂ " COMETHO.
45,46♂ " LUDENS.
47,48♂ ARTINES ÆPITUS.
49,50♂ " ATIZIES.

W. Purkiss lith.
Hanhart imp.
727.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1-4♂ FALGA JECONIA.
5,6♂ » SCIRAS.
7♂ ENOSIS QUADRINOTATA.
8-11♂ CARYSTOIDES BASOCHESI.
12-15♂ LYCHNUCHOIDES SAPTINE.
16,17♂ TISIAS MYNA.
18,19♀ THEMESION CERTIMA.
20,21♀ » ORBIUS.
22,23♂ TURESIS LUCASI.
24-26♂ TURESIS THESTE.
27,28♂ MEGALEAS SYRNA.
29,30♂ LYCAS ARGENTEUS.
31,32♂ ORPHE VATINIUS.

W. Purkiss lith.

Hanhart imp.
728.

Blue
Cyan
Green
Yellow
Red
Magenta
White
3/Color
Black
KODAK Color Control Patches
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Kodak
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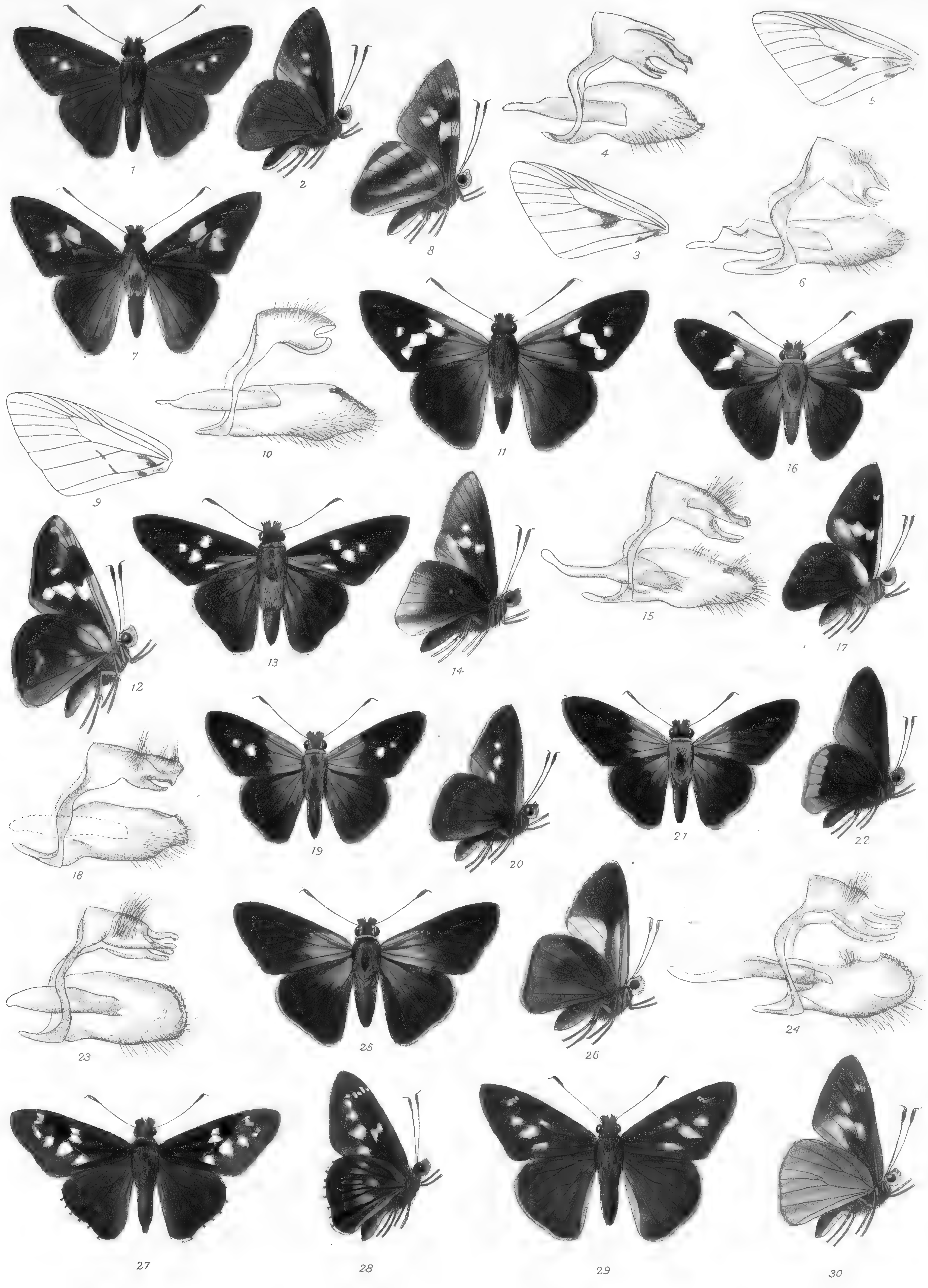
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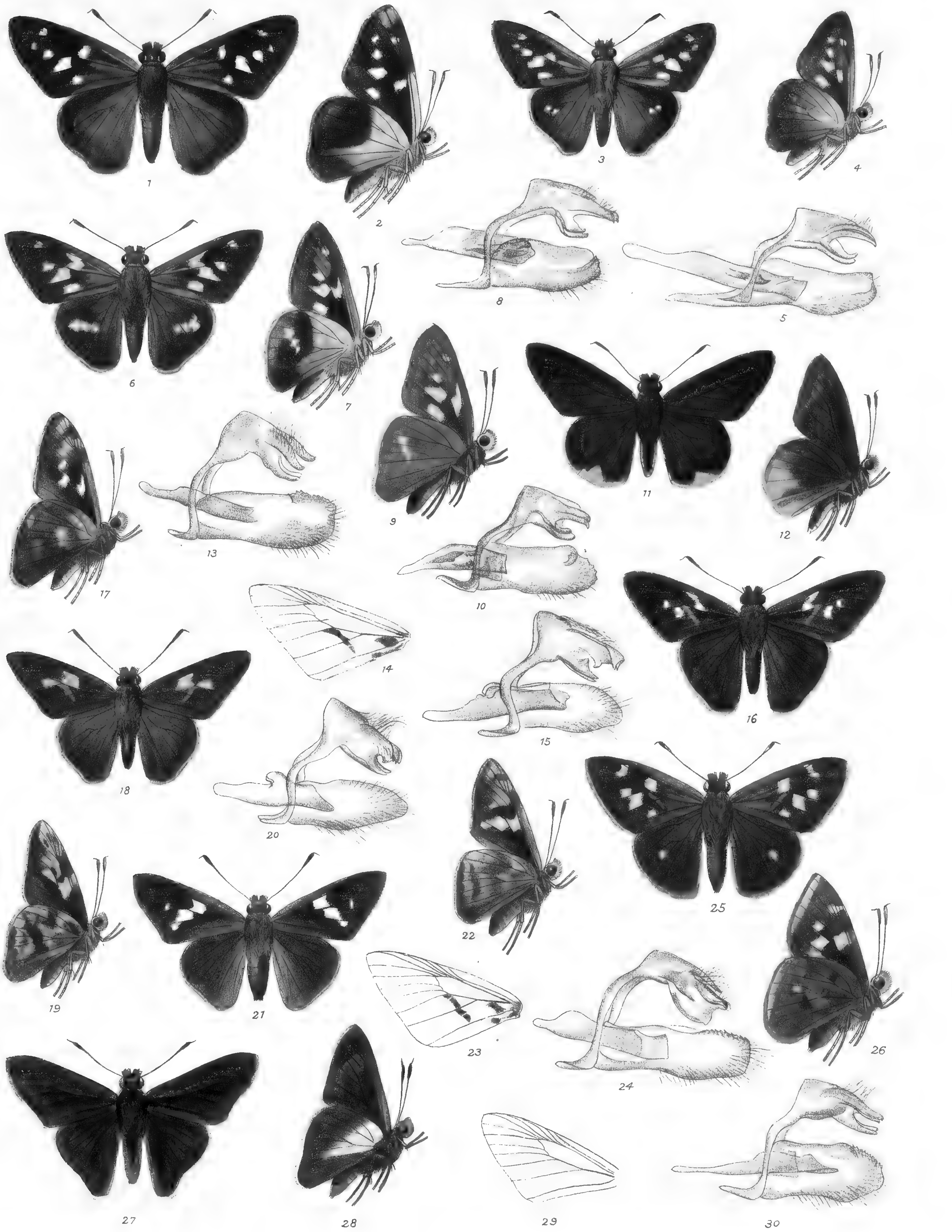
1-4♂ DAMAS CLAVUS.
5,6♂ ORSES CYNISCA.
7,8♂ » IRICOLOR.
9,10♂ THRACIDES PHIDON.

11,12♀ THRACIDES DECEPTUS.
13,14,15♂ » LUDA.
16,17,18♂ » MOLION.
19,20♂ » SERON.

21,22,23♂ THRACIDES HENRICUS.
24♂,25,26♀ » AROMA.
27,28♂ » AURIFER.
29,30♀ » POLLES.

W. Purkiss lith.
Hanhart imp.
279.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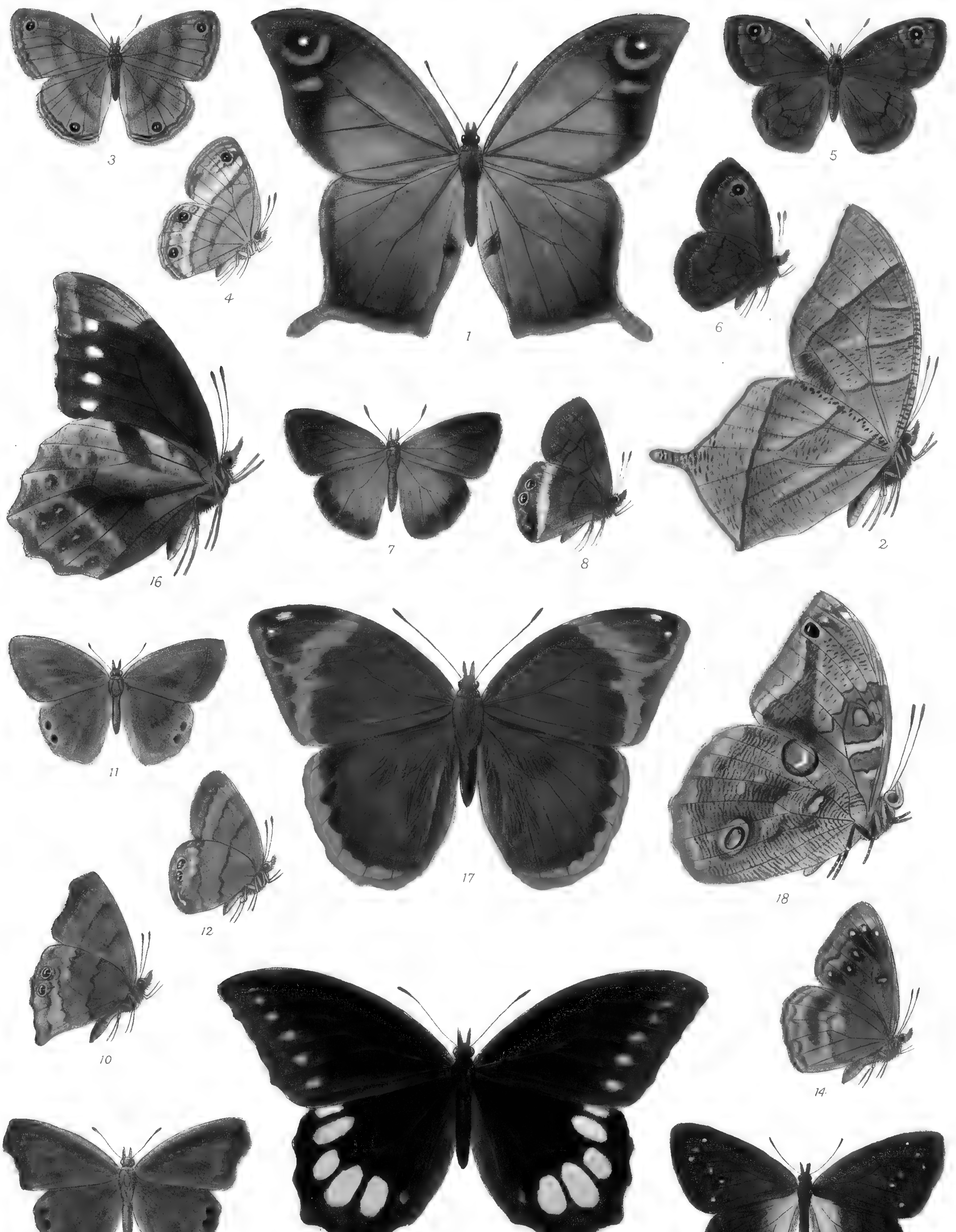
1, 2♀ THRACIDES PLACENS.
3, 4, 5♂ " SALIUS.
6, 7, 8♂ " LONGIROSTRIS.
9♂ " " , var.

10♂ THRACIDES CHIOMARA.
11, 12, 13♂ " XANTHURA.
14, 15♂ PERICHARES CORYDON.
16, 17♂ " AGRIPPA.
18, 19, 20♂ " LOTUS.

21, 22♀ PERICHARES LOTUS.
23, 24♂ TALIDES SERGESTUS.
25, 26♂ " " , var.
27–30♂ PYRRHOPYGOPSIS ORASUS.

W. Purkiss lith.

Hanhart imp
730.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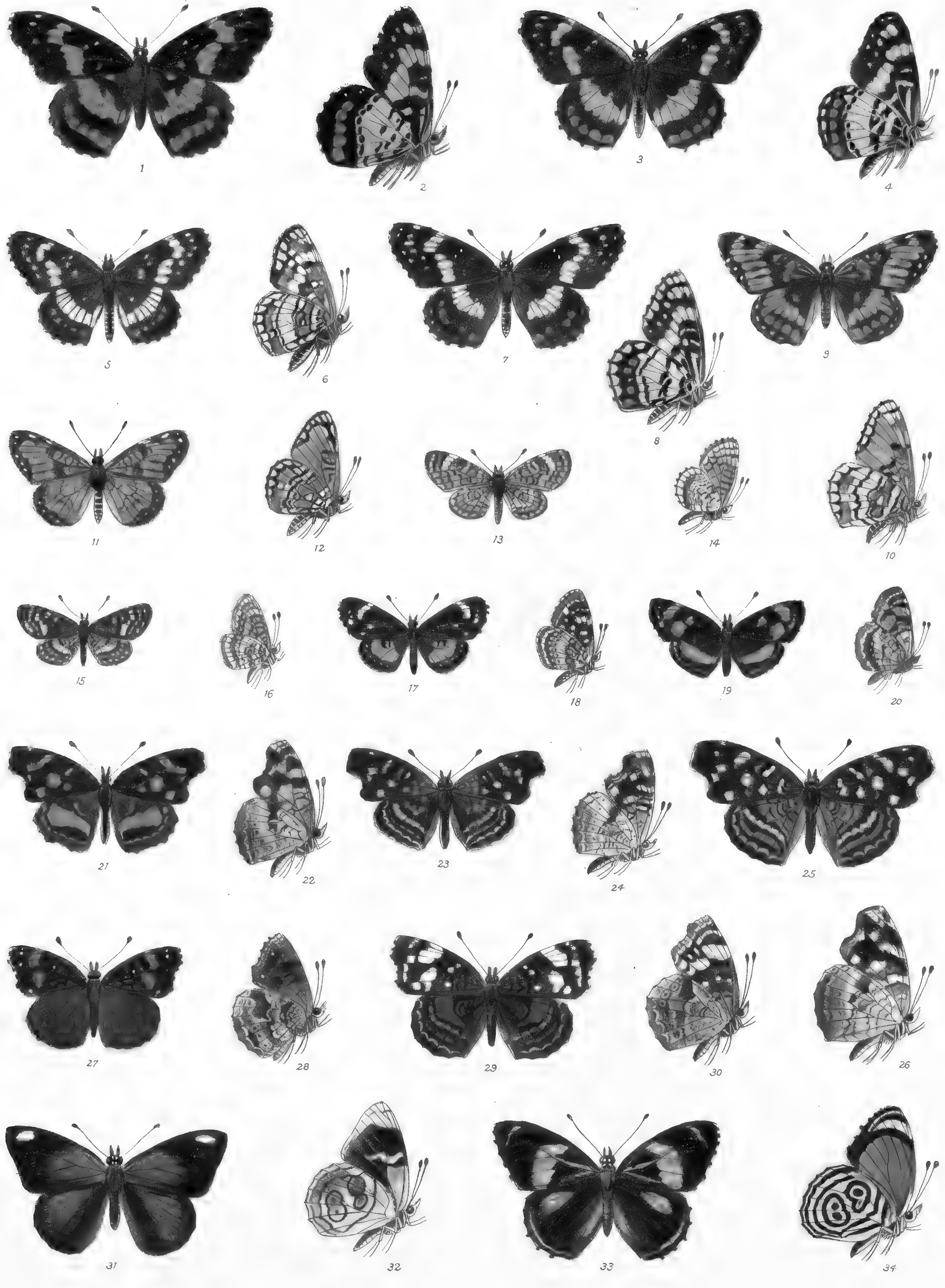
1,2♂ CÆROIS GERTRUDTUS.
3,4♀ EUPTYCHIA CLEOPHES.
5,6♂ » PELLONIA.

7, 8♂ EUPTYCHIA NELSONI.
9,10♂ » CLINAS.
11,12♂ » HILARIA.

13,14♂ LYMANOPODA CINNA.
15,16♂ DRUCINA CHAMPIONI.
17,18♂ OPSIPHANES STAUDINGERI.

W. Purkiss lith.

Hanhart imp.
731.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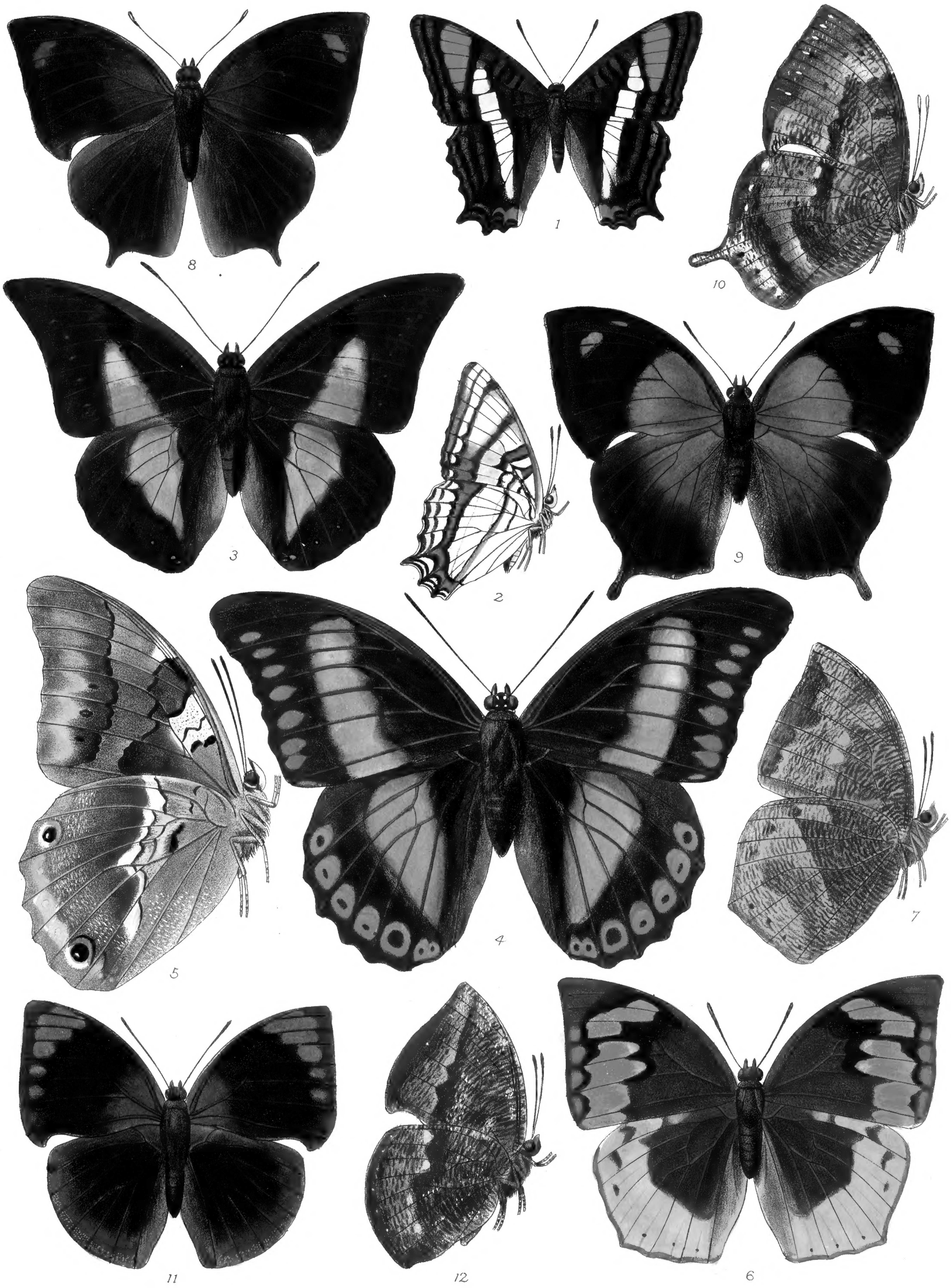
1, 2♂ SYNCHLOE EUMEDA.
3, 4♂ " DRYOPE.
5, 6♂ " ENDEIS.
7, 8♂ " HYLÆUS.
9, 10♂ MELITÆA BECKERI.
11, 12♂ " SCHAUSI.

13, 14♂ PHYCIODES DYMAS.
15, 16♂ " HEPBURNI.
17, 18 " ANOMALUS.
19, 20 " FAUSTUS.
21, 22♂ " PHLEGIAS.

23, 24♂ PHYCIODES ALEXON.
25, 26♀ " "
27, 28♂ " CYNO.
29, 30♀ " "
31, 32♂ CALLICORE ASTERIA.
33, 34 " BELESES.

W. Purkiss lith.
Hanhart imp.



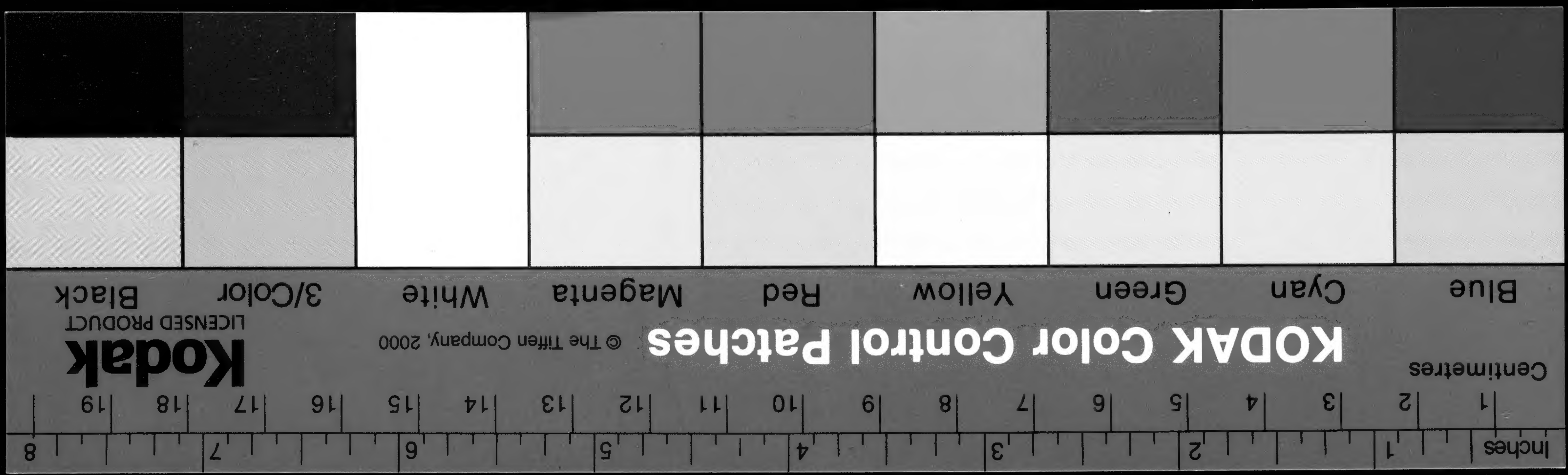
1, 2♀ ADELPHA CRETON.
3♂ PREPONA ÆLIA.

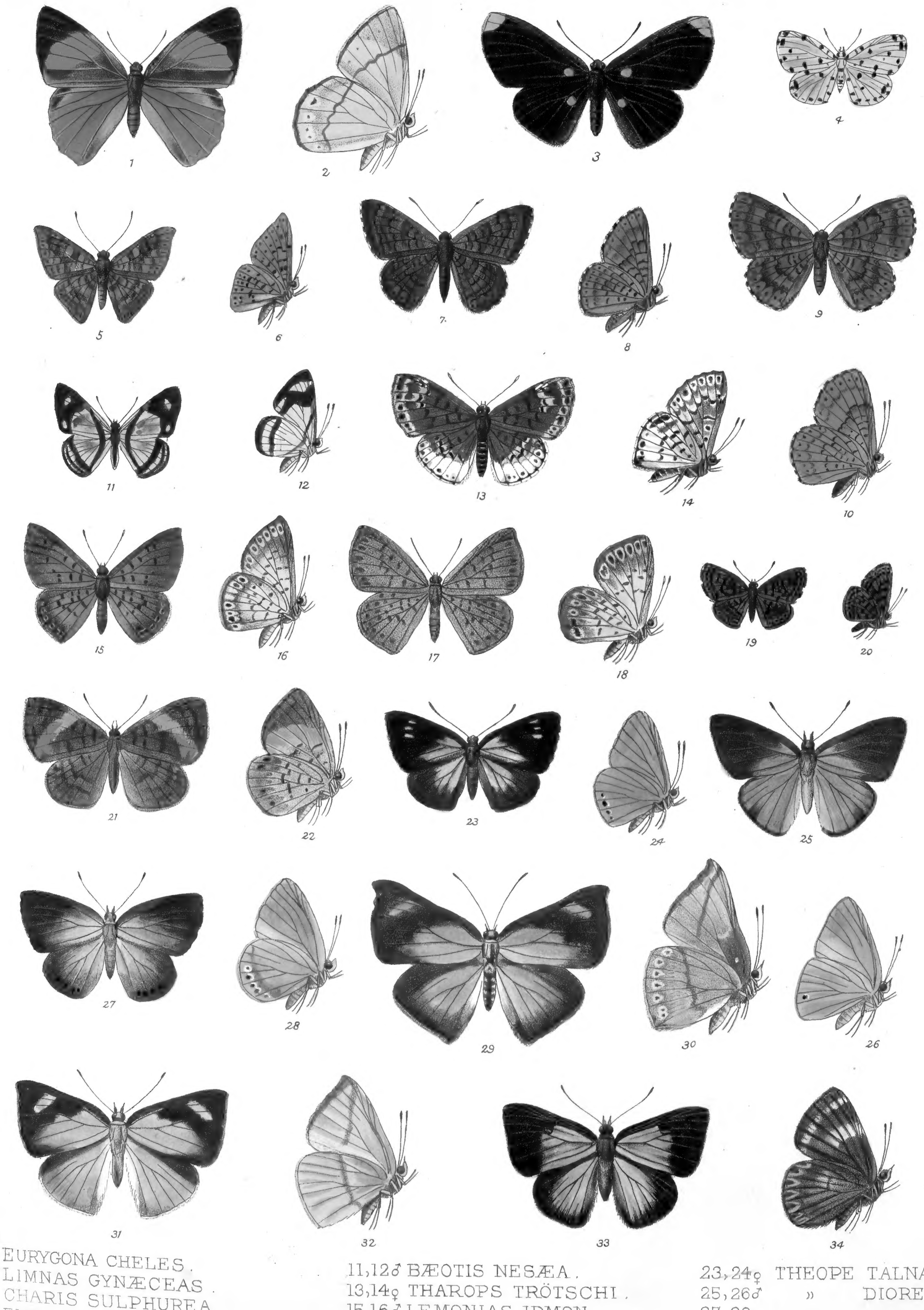
4, 5♀ PREPONA BROOKSIANA.
6, 7♀ ANÆA TITAN.

8♂, 9, 10♀ ANÆA SCHAUSIANA.
11, 12♂ " ELARA.

W. Purkiss lith.

Hanhart imp.
733.

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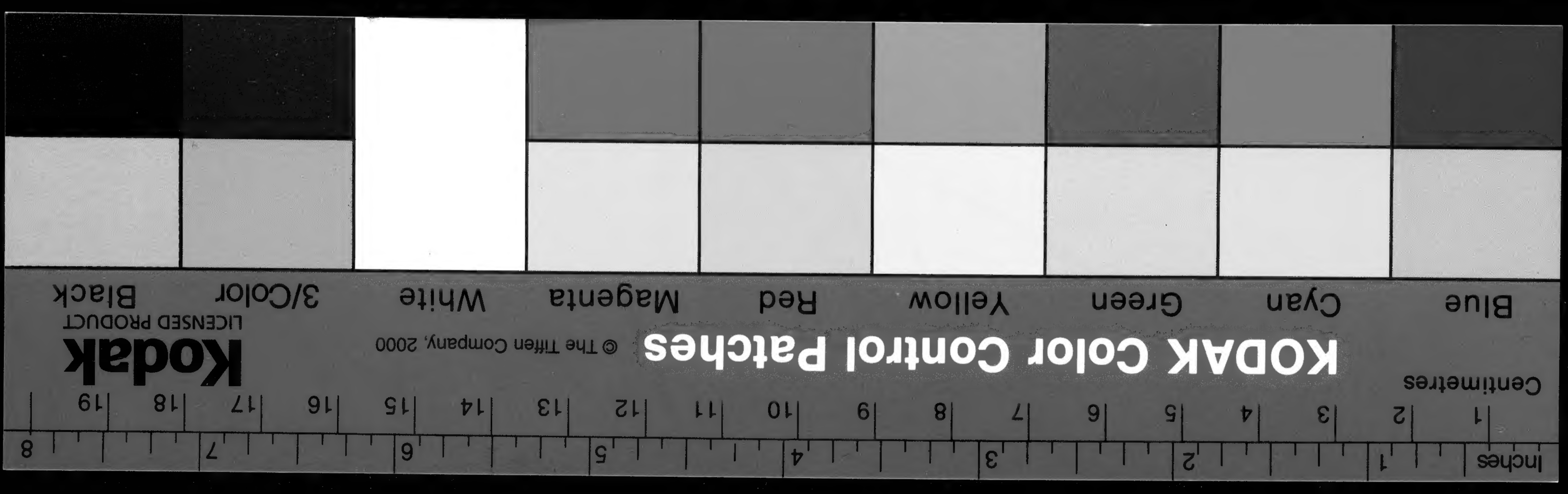
1,2♀ EURYGONA CHELES.
3♀ LIMNAS GYNÆCEAS.
4♀ CHARIS SULPHUREA.
5,6♂ EMESIS BRIMO
7,8♂ » PŒAS.
9,10♀ » »

11,12♂ BÆOTIS NESÆA.
13,14♀ THAROPS TRÖTSCHI.
15,16♂ LEMONIAS IDMON.
17,18♀ » »
19,20 » EUDOCIA.
21,22♀ » ZEURIPPA.

23,24♀ THEOPE TALNA.
25,26♂ » DIORES.
27,28♀ » »
29,30♀ » ELEUTHO.
31,32♀ » MANIA.
33,34♀ » MATUTA.

W. Purkiss lith.

Hanhart imp
734.


Blue
Cyan
Green
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3/Color
Black
KODAK Color Control Patches
© The Tiffen Company, 2000
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LICENSED PRODUCT
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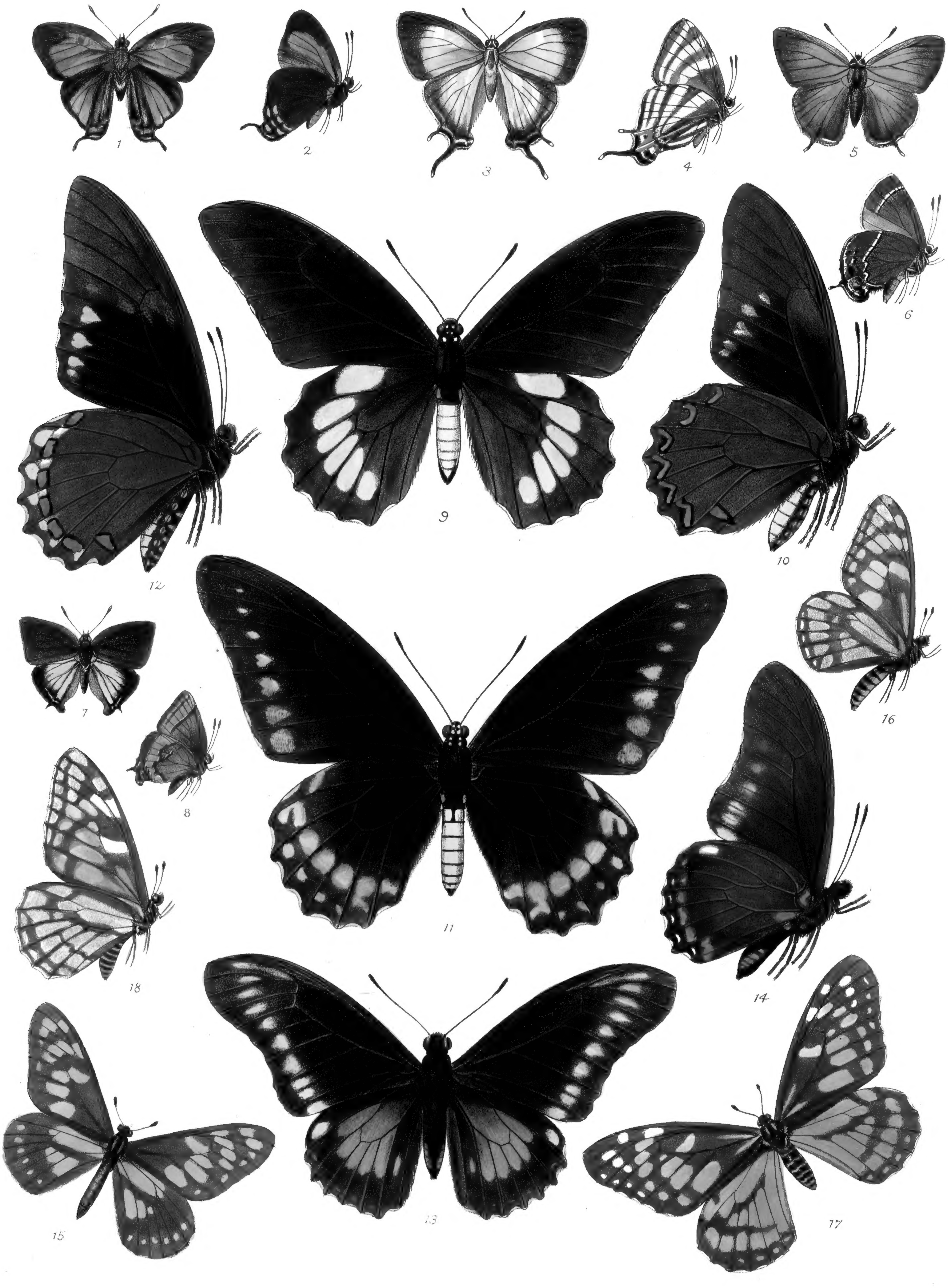

1,2♂ THECLA GAUMERI.
3,4♀ » ERYBATHIS.
5,6♂ » SPINETORUM.

7, 8♀ THECLA SESARA.
9,10♂ PAPILIO IOPAS.
11,12♂ » ERACON.

13,14♂ PAPILIO METAPHAON.
15,16♂ BARONIA BREVICORNIS.
17,18♀ » »

W. Purkiss lith.

Hanhart imp
735.

KODAK Color Control Patches
Blue Cyan Green Yellow Red Magenta White 3/Color Black
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Centimetres
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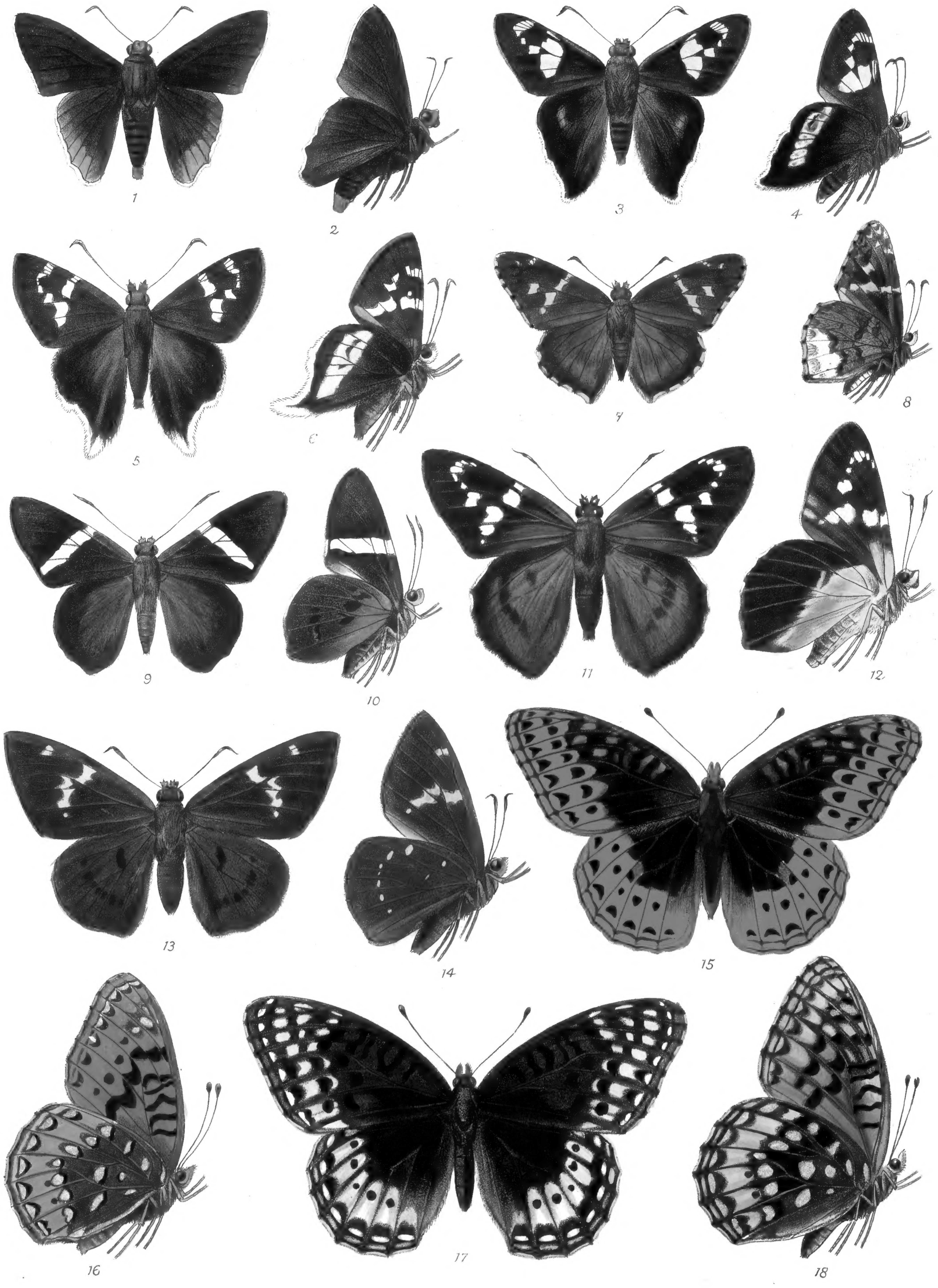
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1, 2 ♂ PYRRHOPYGE GELLIAS.
3, 4 ♂ EUDAMUS CACHINNANS.
5, 6 ♂ " BIOLLEYI.

7, 8 ♂ HETEROPIA CYDA.
9, 10 ♀ THYMELE POLIAS.
11, 12 ♀ NASCUS PHOCUS, *var.*

13, 14 ♀ BUNGALOTIS HERAS.
15, 16 ♂ ARGYNNIS NITOCRIS, *var.* CŒRULESCENS.
17, 18 ♀ " "

W. Purkiss lith.
Hanhart imp.
736.